

IOWA BIRD LIFE

IOWA ORNITHOLOGISTS' UNION



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IOWA BIRD LIFE

The Iowa Ornithologists' Union, founded in 1923, encourages interest in the identification, study, and protection of birds in Iowa and seeks to unite those who have these interests in common. Iowa Bird Life and IOU News are quarterly publications of the Union.

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Field Reports—Winter 2010-2011

Francis L. Moore



Francis L. Moore

WEATHER

With two major blizzards and very low temperatures this winter's birding was challenging. However, there were periods of warming temperatures that gave us enough days for people to get out in the field and find some interesting birds during the three month period.

As with past Decembers there were great swings in temperature throughout the month. On December 14 it was -22 degrees in Elkader and on the 30th it was 66 degrees in Shenandoah. The weather was cooler than usual during early to middle of the month and most of the state was below zero on the 13th and 14th. Then at the end of the month unseasonably warm and humid air on the 29th, 30th and 31st melted most of the snow-cover across the southwestern two thirds of Iowa. A total of eight storms brought an inch or more of snow to the state with all but one centered over the

northeast. Monthly snow totals varied from 0.7 inches at Sidney up to 36.0 inches at Waukon. There was also widespread rain on the 10th and 11th with the greatest amount again over the northeast. The most disruptive storm of the month was a blizzard on the 11th and 12th with moderate to heavy snowfall including 12 inches at Waukon.

January didn't have as much temperature fluctuation, with Elkader again having the lowest temperature at -30 degrees on the 21st; the highest temperature of 45 degrees was from Shenandoah and Sidney on the 6th and Glenwood on the 28th. At some north central Iowa locations such as Mason City, Osage and Cresco the temperature never climbed above freezing during the month. The result was that very little snowmelt occurred during January. The month was characterized by frequent light precipitation events. The largest storm of the month brought a statewide average of 5.9 inches of snow on the 9th and 10th. At Des Moines snow was recorded on all but five days during the month. Snow cover at month's end varied from 2 to 4 inches over the southern one-third of Iowa to 10 to 20 inches over the northern third.

Unseasonably cold weather prevailed for the first ten days of February with temperatures averaging 11.4 degrees below normal. The low for the month was -29 degrees, again at Elkader. The second 10 days of the month averaged 11.6 degrees above normal with

daily maximum temperatures reaching into the mid-50s or higher. The highest temperature was reported from Leon with 71 degrees on the 17th. The relatively warm period at mid-month melted all of the snow pack from about the southwestern two-thirds of the state. The final eight days of the month averaged slightly colder than normal with no major extremes in temperature. By far the largest weather event of the month was a major blizzard which traversed the state on the first day of the month. Snow totals of a foot or more fell across much of southeast and east-central Iowa. Freezing rain fell over the northern two tiers of Iowa counties on the 20th and resulted in hazardous road conditions and numerous power failures. Freezing rain also impacted the southeast one-quarter of the state on the night of the 27th.

Temperatures over the three months averaged 2.9 degrees below normal with precipitation near normal at 0.43 inches. This ranks as the 34th coldest and the 51st wettest winter among 138 years of records. This was the fifth consecutive wetter than normal winter and fourth consecutive colder than normal winter season.

GENERAL TRENDS

Cold temperatures with sub-zero readings recorded across the state by the middle of December again left few open water areas for waterfowl to linger much beyond the 20th to 25th of the month. Most records for waterfowl ended on 26-27 December with some starting to return north around 18-19 February. Some of the hardier species such as Cackling Goose, Trumpeter Swan, and American Black Duck were seen throughout the period.

With only one record of Northern Bobwhite being submitted things do not look good for this species in the short-term in Iowa. Gray Partridge were harder to find this winter even with some periods of heavy snowfall. Ring-necked Pheasant remains a harder than usual bird to find with their numbers remaining on the low side. Wild Turkey numbers were down from previous high numbers just a few years ago. Hopefully a combination of good weather for nesting in the spring and earlier summer and milder winters these populations will rebound to what we consider more normal numbers in the next few years.

There were again up to 30 American White Pelicans wintering below the Red Rock dam throughout the period where it seems they have found a place that can sustain them throughout the winter. Great Blue Herons were found in good numbers along the major rivers in all three months. Early Turkey Vultures on February 13th and 24th seemed to indicate that spring just might be somewhat earlier than usual with one comment that this was a "true harbinger of spring". Good numbers of Bald Eagles were found as well. Accipiters were fairly easy to find in the vicinity of feeders with above average numbers of Sharp-shinned Hawks found and the usual number of Cooper's. Rough-legged Hawk and Northern Shrike were present in decent numbers, while only one Snowy Owl was found. Low numbers of Long-eared and Short-eared owls continued from last winter.

Red-headed Woodpecker numbers remain low except in Decatur County where there the acorn crop was excellent. Sapsuckers numbers were a little above average despite the weather. Good numbers of Lapland Longspur and Snow Bunting helped make the winter a little more bearable. There were small numbers of wintering sparrows that braved the Iowa winter although this wasn't a very good year for finches from the north.

UNUSUAL SPECIES

The records committee acted to accept six documentations this winter, all casual species including Black-legged Kittiwake, California Gull, Great Black-backed Gull and Mountain Bluebird. For gull watchers this made the season at least interesting but not overwhelming for number of species seen. No accidental species were found during the period. Other hard-to-find species included Townsend's Solitaire, Varied Thrush, Bohemian Waxwing, and Savannah Sparrow.

COMMENT

This turned out to be another unexciting winter for birds but I want to encourage more people to get out and continue to search for those birds that are in our state during this time period and also to thank everyone who did venture out and provide material for this report.

I am going to echo comments made by my predecessor about providing details for both rare regular species and for common species on unusual dates. Without this information some species cannot be included in the report and an important species might be left out of the records that should be included; only the person actually seeing the bird can provide such details. Details can be a short physical description of the bird that would allow for separation from any similar species. For many species, this can be one short sentence. It doesn't take much to point out the relevant features to give some confidence that the bird was seen well and properly identified. Please take the time to make yourself aware of when some of our species are out of season and take short notes to document the record.

If you have internet access and have not tried to submit your reports through the website, please do. It is easy to enter your records as you encounter them or near the end of the season. Remember, if you don't enter your report into the website, the field reports editors have to do it for you, and the time it takes one person to enter several people's reports becomes substantial very quickly. I also wanted to thank Tom Schilke of Waterloo for helping to enter those records that were submitted by either email or by sending them to me via another paper method.

SPECIES DATA

ALL CAPS = Casual or Accidental. * = documented, ph = photo. County names are in italics. Full names of contributors are at the end of the article. Abbreviations used: **ad** = adult, **CBC** = Christmas bird count, **imm** = immature, **juv** = juvenile, **L** = lake, **L&D** = lock and dam, **m.ob.** = many observers, **NWR** = national wildlife refuge, **P** = park, **RA** = recreation area, **Res** = reservoir, **R** = river, **SP** = state park, **WA** = wildlife area.

Greater White-fronted Goose: 5-9 on 15-21 Dec at Ada Hayden P *Story* (WO,

SJD), Singles on 19 Dec in *Polk* (JB) and 25 Jan at Maffitt Res *Dallas* (JG) suggest overwintering. The first migrants were 9 on 29 Jan in *Union* (SJD) with 1,340 on 19 Feb at Red Rock Res *Marion* (AB) and 2,700 on 27 Feb at Mt. Pleasant *Henry* (SJD) being high counts. One hybrid Greater White-fronted x Canada Goose on 19 Feb at Port Neal ponds *Woodbury* (BFH).

Snow Goose: Small numbers were found in Dec and Feb with 45,000 on 17 Feb at Rapp P *Page* (KDy).

Ross's Goose: All: 2 on 1-12 Dec at Ada Haden P *Story* (SJD,WO), 1 on 12 Dec



Adult Tundra Swan (left bird) with a Trumpeter Swan, Hamilton, 6 February 2011.
Photograph by Stephen J. Dinsmore, Ames, IA.

at Brushy Creek RA Webster (SJD), 1 on 27 Feb in Jefferson (SJD), and 2 on 27 Feb at Mt. Pleasant Henry (SJD).

Cackling Goose: Small numbers were reported sporadically throughout the period, making it difficult to determine which birds were migrants and which were overwintering. High: 320 on 5 Dec at Green Valley L Union (JG) and 147 on 27 Feb at Mt. Pleasant Henry (SJD).

Canada Goose: Flocks of 4,600–8,500 lingered into mid-December at a number of locations. The largest mid-winter concentrations were 3,700 on 20 Jan at Red Rock Res Marion (SJD) and 3,200 on 27 Feb at Jester P Polk (BE).

Mute Swan: 1–2 at Red Rock Res (below dam) 2 Dec–13 Feb (DE, MP, SJD, JG, RLC) was the only record. One was an adult.

Trumpeter Swan: Reported from 17 counties. Numbers at Beemer's Pond Hamilton through the winter: 102 on 12 Dec,

68 on 23 Jan, 70 on 8 Feb and 76 on 26 Feb (SJD). High counts away from Beemer's Pond were 40 on 3 Dec in Cerro Gordo (CJF), 24 on 5 Dec at Maffitt Res Polk (JB), and 10 on 6 Feb below the Saylorville Res dam Polk (BE).

Tundra Swan: All: 1 juv on 12 Dec at Beemer's Pond Hamilton (SJD), 5 on 13 Dec at West Canal Shore Dr, Mississippi R in Scott (WMZ) and 2 ad 23 Jan–26 Feb at Beemer's Pond Hamilton (SJD).

Wood Duck: 1 on 5–19 Dec on Mississippi R Scott (WMZ), 1 male on 22 Jan at Don Williams L Boone (SJD), 1 male and 1 female on 27 Jan in New Albin Allamakee (DK), 2 on 20 Feb at Fuller-Green Valley Keokuk (SJD), 3–5 on 21–22 Feb at Rapp P Page (KDy) and 1 on 26 Feb at Roberts Creek P Marion (WO).

Gadwall: 1 on 11 Dec at Ada Hayden P Story (WO) and 1 on 2 Jan at Red Rock Res Marion (JG) were late. Highest number was 47 on 27 Feb at Pool 19 Lee (SJD).

American Wigeon: 1 on 9 Dec at Ada Hayden P Story (WO) was late and 4 on 23 Feb at Ada Hayden P Story (WO) were the highest number of early migrants.

American Black Duck: More than 50 birds were reported in 17 counties scattered through mostly east and central Iowa during the season. High numbers were 3 on 4 Dec at Saylorville Res Polk (AB), 3 on 29 Jan at Green Valley L Union (SJD), 3 on 30 Jan on Mississippi R Scott (KMc) and 4 on 19 Feb at Palo Marsh area Linn (BSc). A Mallard x American Black Duck hybrid reported 11 Dec at Saylorville Res Polk (AB).

Mallard: The highest number reported was 10,000 at Owego Wetlands Woodbury on 21 Feb (GLV). Other large groups were 9,100 at Cone Marsh Louisa (SJD) and 6,000 at Rapp P Page (KDy) both on 20 Feb. The 600 on 12 Dec at Beemer's Pond Hamilton (SJD) were wintering birds. Other

large groups included 1,600 on 2 Dec at Ada Hayden P *Story* (SJD), 1,000 on 5 Dec at Green Valley L *Union* (JG) and 1,090 on 20 Jan at Red Rock Res *Marion* (SJD).

Northern Shoveler: All: 42 on 1-9 Dec at Ada Hayden P *Story* (SJD), 1 on 12 Dec at Ada Hayden P *Story* (WO) and 2 on 20 Feb at Cone Marsh *Louisa* (SJD).

Northern Pintail: Found in 14 counties mostly in east and central Iowa during the period. Highest number was 675 at Cone Marsh *Louisa* (SJD), next highest were 318 at Fuller-Green Valley *Keokuk* (SJD), both on 20 Feb.

Green-winged Teal: High: 120 on 11 Dec at Rathbun Res *Appanoose* (RLC). 1-2 individuals were found in *Black Hawk*, *Scott*, *Story* and *Warren* during Dec with 28 on 19 Feb at Sedan Bottoms *Appanoose* (RLC) and 3 on 20 Feb at Fuller-Green Valley *Keokuk* (SJD).

Canvasback: 1-4 individuals were found over the eastern and central part of the state during Dec and Jan in at seven locations in *Black Hawk*, *Union*, *Story*, *Polk*, *Marion* and *Scott*. 1 on 19 Feb at Port Neal Ponds *Woodbury* (BFH) was the lone western record. Highest number was 11,500 on 27 Feb on Pool 19 *Lee* (SJD) as usual. Other high counts were 42 on 20 Feb at Cone Marsh *Louisa* (BT) and 12 on 23 Feb at Lansing *Allamakee* (DK).

Redhead: 1-3 were found during Dec and Jan at various locations in east and central Iowa with some of them probably overwintering. Returning birds started showing up with 2 on 17 Feb at Rapp P *Page* (KDY), 1 on 18 Feb at Iowa River WA *Marshall* (MP) and larger numbers with 17 on 19 Feb at Sedan Bottoms *Appanoose* (RLC) and 15 on 20 Feb at Clear L *Cerro Gordo* (PH).

Ring-necked Duck: High: 134 on 27 Feb at Pool 19 *Lee* (SJD). Most other records were one or two birds with up to 5-7 birds in *Union* and *Dallas*.

Greater Scaup: From 1-2 were reported from *Story*, *Union*, *Scott*, *Dickinson*, and *Polk* (SJD, DP, LAS, BE). The greatest number were 134 at Pool 19 *Lee* (SJD).

Lesser Scaup: High count: 1,125 on 27 Feb at Pool 19 *Lee*. Away from the Mississippi R, high counts were 14 on 5 Dec at Green Valley L *Union* (JG) and 8 on 19 Feb at Port Neal Ponds *Woodbury* (BFH).

Surf Scoter: All: 1 on 2 Dec at Clear L *Cerro Gordo* (CJF), 2 on 5 Dec at Twelve Mile L *Union* (JG), and 1 female on 27 Feb at Pool 19 *Lee* (SJD).

White-winged Scoter: One on 14-15 Feb at Mississippi R at Wapello Ave *Scott* (MB).

Black Scoter: One female/immature on 6 Dec at W. Okoboji L *Dickinson* (ET).

Long-tailed Duck: All: 1 ad male on 2-5 Dec at Ada Hayden P *Story* (*JN, SJD, WO), 1 ad male on 8 Dec at Red Rock Res, below dam *Marion* (MP), 1 ad male and 1 ad female on 18 Dec at Red Rock Res *Marion* (AB, SJD), 1 on 26 Dec on Cedar R *Linn* (BSc), 1 juv female on 21 Jan at Red Rock Res *Marion* (SJD), 1 on 29 Jan on the Mississippi R at Montrose *Lee* (DP), and 1 male and 1 female on 19 Feb at Pool 14 *Scott* (BT).

Bufflehead: Single reports from *Wineshiek* (DeC) and *Dallas* (JG) in Dec. Records of 1-4 in Feb from *Scott* (BT), *Clinton* (BT), *Linn* (BSc), *Page* (KDY) and *Lee* (SJD).

Common Goldeneye: Largest counts were from the Mississippi R in *Scott*: 950 on 10 Jan and 1,300 on 12 Jan (KMc); also 327 on 27 Feb at Pool 19 *Lee* (SJD).

Hooded Merganser: High: 40 on 11 Dec at Rathbun Res *Appanoose* (RLC). Mid-winter birds: 2 on 27 Jan at Lansing *Allamakee* (DK). Highest northbound were 11 on 27 Feb at Racoon River P West Des Moines *Polk* (JG).

Common Merganser: High counts:

1,700 on 5 Dec at Saylorville Res *Polk* (SJD), 9,175 on 5 Dec at Red Rock Res *Marion* (SJD) and 10,000 on 11 Dec at Rathbun Res *Appanoose* (RLC). Overwintering birds included more than 800 on the Mississippi R *Scott* (KMc). Migrants started on 12 Feb with a high count of 205 on 27 Feb at Racoon River P, West Des Moines *Polk* (JG).



Ruddy Duck, Brushy Creek Rec Area, Webster, 6 December 2010. Photograph by Stephen J. Dinsmore, Ames, IA.

Red-breasted Merganser: All: 1 on 4 Dec at Saylorville Res *Polk* (AB), 17 on 5 Dec at Red Rock Res *Marion* (SJD), and 1 on 11 Dec on the Iowa R, Iowa City *Johnson* (JLF).

Ruddy Duck: High: 85 on 5 Dec at Twelve Mile L *Union* (JG). Midwinter birds included 1 on 30 Dec at Maffitt Res *Dallas* (JG), 1 on 3 Jan at Johnson gravel pits *Polk* (DTh), 1 on 29 Jan at Green Valley L *Union* (SJD) and 1 on 29 Jan at Sun Valley L *Ringgold* (SJD).

Northern Bobwhite: One report of 13 on 21 Jan *Page* (KDY).

Gray Partridge: All: 10 on 15 Dec at Meetz Wetland *Story* (Mike Meetz fide HZ), 4 on 18 Dec at Rathbun Res *Appanoose* (RLC), 6 on 19 Dec near Decorah *Winneshiek* (DK), 10 on 20 Dec near Osasian *Winneshiek* (DK), 2 on 30 Dec *Humboldt* (SJD), 4 on 17 Jan *Cerro Gordo* (DJF), 3 on 21 Jan *Woodbury* (GLV) and 4 on 6 Feb *Hamilton* (SJD).

Ring-necked Pheasant: 5 on 15 Dec in *Scott* (WMZ), 13 on 19 Dec in *Muscatine* (WMZ), 1 on 30 Dec at John Deere Davenport Works *Muscatine* (WMZ), 19 on 14 Jan at Moeckley Prairie in *Polk* (BE), 14 on 23 Jan in *Polk* (JB) and 29 on 6 Feb in *Warren* (JS).

Ruffed Grouse: None reported.

Wild Turkey: High: 50 on 5 Jan in *Plymouth* (GLV).

Common Loon: All: 2 on 4 Dec at Big Creek L *Polk* (AB) declining to 1 on 5 Dec (SJD), 1 on 5 Dec at West L *Clarke* (JG), and 1 on 6 Dec at Brushy Creek RA *Webster* (SJD).

Pied-billed Grebe: All: 1 on 2 Dec at Big Woods L *Black Hawk* (DE), 1 on 5 Dec on Mississippi R at Wapello Ave *Scott* (WMZ).

Horned Grebe: 1 on 2, 6 Dec at Brushy Creek RA *Webster* (SJD).

Double-crested Cormorant: All: 1 on 8 Dec below dam at Red Rock Res *Marion* (MP), 1 on 12 Dec at Rathbun Res *Appanoose* (RLC), 3 on 19 Dec at Alcoa plant, Riverdale *Scott* (WMZ).

American White Pelican: High: 314 on 18 Dec below the dam at Red Rock Res *Marion* (SJD). Successfully wintering birds included from 14 to 30 below the dam at Red Rock Res *Marion* from 2 Jan-16 Feb (JG, MP, AMJ, SJD).

Great Blue Heron: High count: 7 on

18 Dec at Rathbun Res *Appanoose* (DT). Wintering birds included up to 8 through the period in *Scott* (KMc), 6 at Horse (Enchanted) Island *Scott* (KMc), and 8 on 12 Jan *Scott* (KMc). Others were 1 on 21 Jan at Waubonsie WA *Fremont* (KDy)), 1 on 22 Jan in *Des Moines* (BT), 1 on 25 Jan at Johnston gravel pits *Polk* (DTh) 1 on 5 Feb at Sycamore Access *Polk* (AB).

Black-crowned Night-Heron: 1 on 2 Dec at Ada Hayden P *Story* (WO).

Turkey Vulture: 1 on 13 Feb at Si-gourney in *Keokuk* (SJD, ph) and 1 on 24 Feb in Cedar Rapids *Linn* (BSc) were both early.

Bald Eagle: High counts for both the interior and the Mississippi River were higher than last year with 98 on 5 Jan at Red Rock Res *Marion* (MP), 173 on 9 Jan in *Louisa* (KMc) and 346 on 12 Jan on the Mississippi R *Scott* (KMc).

Northern Harrier: 1-2 were reported from *Appanoose*, *Boone*, *Dallas*, *Grundy*, *Howard*, *Humboldt*, *Jefferson*, *Johnson*, *Lee* and *Woodbury*.

Sharp-shinned Hawk: A total of 17 were reported from across the state.

Cooper's Hawk: 25 were reported for the period and as before this species continues to be inconsistently reported. As in the past the majority of reports came from Proescholdt (12) and this year Sinclair (4). There are many that are not reported that are using bird feeders in cities as a good source of food throughout the state.

Northern Goshawk: None reported.

Red-shouldered Hawk: All reports were from known or potential breeding locations.

Reports away from eastern Iowa were 1 on 28 Dec at Ledges SP *Boone* (DCH), and 1 on 12 Feb at DeKalb WA *Decatur* (JS).

Red-tailed Hawk: Highest numbers reported were 7 and 9 in *Scott* (KMc), 1 ad Harlan's on 2 Jan in *Clay* (LAS), 1 rufous western morph on 15 Jan at Grand Ave Sod Farm *Dallas* (JG), 1 Harlan's on 3 Feb at Colo Bogs WA *Story* (MP), 1 light Harlan's on 13 Feb at Des Moines *Polk* (AB), and 1 Krider's on 20 Feb in *Warren* (JG).

Rough-legged Hawk: There were 32 reports totaling more than 52 birds during the season. High counts: 9 on 8 Jan in *Cherokee* (LAS) and 5 on 18 Feb in *Woodbury* (GLV). Of the above there were reports of eight dark morphs and four light morphs.

Golden Eagle: All: 1 imm on 22 Jan in *Ringgold* (JS), 1 ad and 1 imm on 26 Jan in *Winneshiek* (DK), 1 imm on 27 Jan at in *Allamakee* (DK) and 1 ad on 20 Feb at Waubonsie WA *Fremont* (KDy).

American Kestrel: 17 reported; the northernmost were three singles in *Black Hawk* (DE) and 1 in *Tama* (DE).

Merlin: 10 were reported from 8 coun-



Horned Grebe, Brushy Creek Rec Area, Webster, 6 December 2010. Photograph by Stephen J. Dinsmore, Ames, IA.

ties with only 2 from Glendale Cemetery Polk this winter (JCe, JG). Of those reporting subspecies 2 were *columbarius* and 4 were *richardsonii*.

Peregrine Falcon: All: 1–2 on 19 Dec–21 Jan at Davenport Scott (WMZ, JLF), 1 ad male on 20 Dec–19 Feb at Cedar Rapids Linn (BSc, DE), 1 ad on 20 Dec at Keokuk Lee (SJD), 1 on 8 Jan at Burlington Des Moines (JLF), and 1 on 12 Jan at LeClaire Scott (KMc).

Prairie Falcon: None reported.

American Coot: Small numbers lingered at several locations. The latest was 1 on 16 Dec at Ada Hayden P Story (SJD, WO). 1 was found on 8 Jan at the Dial Plant L Lee (JLF). 2 returning migrants were back by 17 Feb in Rapp P Page (KDy) and 1 on 21 Feb at Port Louisa NWR Louisa (BT).

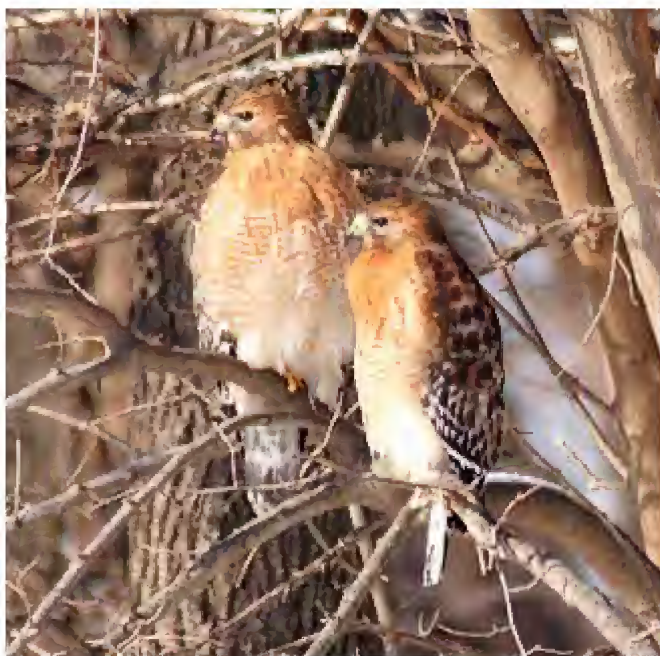
Sandhill Crane: All: 2 on 1 Dec at Grammer Grove WA Marshall (MP) and 12 on 5 Dec at Riverton WA Fremont (KDy).

Killdeer: Only 1 post-CBC bird was reported on 8 Jan at Montrose marsh in Lee (JLF).

Least Sandpiper: 1 on 2 Dec at Waubonsie WA Fremont (KDy).

Pectoral Sandpiper: 1 on 4 Dec at Waubonsie WA Fremont (KDy).

Wilson's Snipe: All: 1 on 4 Dec at Waubonsie WA Fremont (KDy), 2 on 18 Dec at the Centerville Res Appanoose (DT), 2 on 21 Dec in Jackson (WMZ), 2 on 21 Dec



A pair of Red-shouldered Hawks, Davenport, Scott, 20 January 2011. Photograph by Jim Scheib, Iowa City, IA.

in Clinton (WMZ), 2 on 1 Jan in Warren (JS), 1 on 8 Jan at Montrose marsh Lee (JLF), 1 on 12 Jan–7 Feb in Ames Story (SJD), 1 on 16 Jan–Feb 26 at Lake Ahquabi SP Warren (JS), 1 on 26 Jan in Winneshiek (DK), and 3 on 23 Feb in Allamakee (DK).

BLACK-LEGGED KITTIWAKE: 1 juv on 5 Dec at Red Rock L Marion (*SJD, *CG, ph).

Bonaparte's Gull: 1 1st cycle on 27 Feb at Pool 19 Lee (SJD, ph).

Ring-billed Gull: High counts: 2,000 on 5 Dec at Red Rock Res Marion (SJD) and 3,000 on 11 Dec at Rathbun Res Appanoose (RLC). Spring migrants were noted back on 17 Feb at Ada Hayden P Story (SJD) and Rapp P Page (KDy).

CALIFORNIA GULL: 1 ad on 4–5 Dec at Saylorville Res Polk continued from the fall, first seen 30 Nov (*AB, ph) and 1

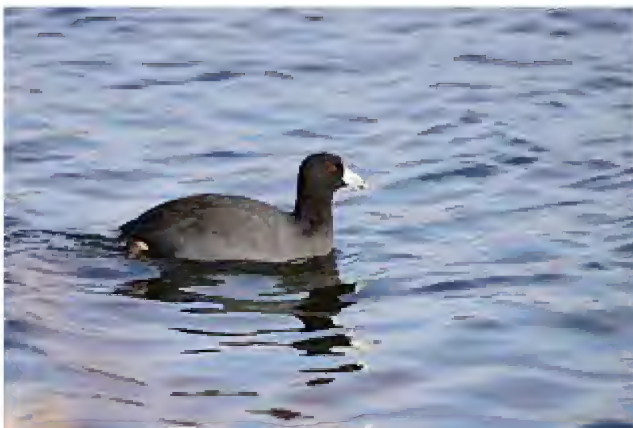
1st cycle on 23 Dec at Ottumwa *Wapello* (*CG, ph, *CRE).

Herring Gull: High counts: 450 on 11 Dec at Rathbun Res *Appanoose* (RLC) and 325 on 5 Dec at Red Rock Res *Marion* (SJD).

Thayer's Gull: All: 3 ad and 2 juv on 4-5 Dec at Saylorville Res *Polk* (JB, AB, SJD), 1 juv on 5-8 Dec below the dam at Red Rock Res *Marion* (SJD, MP), 1 ad and 1 juv on 8 Dec at Des Moines *Polk* (JG) 1 1st cycle on 11 Dec at Rathbun Res *Appanoose* (RLC), 2 1st cycle on 23 Dec at Ottumwa *Wapello* (CRE), 1 ad on 14-30 Jan at L&D 14 and 15 *Scott* (JLF) and 1 on 20-27 Feb at Cedar L *Linn* (SJD).

Lesser Black-backed Gull: All: 1 2nd basic on 4-8 Dec at Saylorville Res *Polk* (AB, JB, JG), 1 ad on 8 Dec at Red Rock Res *Marion* (MP), 1 on 21 Jan at Miss. R at Bettendorf *Scott* (JLF) and 1-2 ad on 3-28 Feb at Cedar L *Linn* (DP, BSc, DE, SJD, BT, CRE).

Glaucous Gull: All: 1-2 juv on 5-18 Dec at Red Rock Res *Marion* (SJD), 1 ad and 1 1st cycle on 23 Dec at Ottumwa *Wapello* (CRE), 1 juv on 26 Dec at Johnston gravel pits in *Polk* (SJD, JCe) and 1 juv on 29 Dec at Des Moines *Polk* (JG).



American Coot, Brushy Creek Rec Area, Webster, 2 December 2010. Photograph by Stephen J. Dinsmore, Ames, IA.

GREAT BLACK-BACKED GULL: 1 1st cycle on 26 Jan at Mississippi R at Montrose *Lee* (*JWR, DTh).

Eurasian Collared-Dove: Highest numbers were 26 on 2 Dec at Montezuma *Poweshiek* (MP), 22 on 6 Jan at Malcom *Poweshiek* (MP) and 40 on 23 Jan in *Hamilton* (SJD).

White-winged Dove: 1 on 2 Dec at Keith Dyche's house in Shenandoah *Page* (KDY).

Mourning Dove: Few were reported. High count: 30 on 10 Jan in *Scott* (KMc).

Eastern Screech-Owl: High: 6 on 2 Jan at Westfield *Plymouth* (BFH).

Great Horned Owl: There were only three reports of this common species during the period.

Snowy Owl: 1 on 9 Jan in *Kossuth* (Clarion Reese fide MCK).

Barred Owl: There were only four reports of this common species.

Long-eared Owl: All: 1 on 5 Dec at in *Worth* (PH), 1 on 10 Dec at Hickory Hills P *Tama* (DE), 1-2 on 22 Dec-19 Jan at Pierce Creek *Page* (KDY), 3-6 on 23 Dec- 29 Jan at Twelve Mile L *Union* (DJS), 1 on 26 Dec at Crawford Creek *WA Ida* (BFH), 2 on 1 Jan at Elk Creek Marsh *Worth* (PH), 1 on 10 Jan at Cone Marsh *Louisa* (JLF), 1 on 21 Jan at Shenandoah *Page* (KDY), 2 on 21 Jan at Mink Run *WA Cedar* (CRE), 1 on 27 Feb in *Louisa* (JS), and 2 on 28 Feb in *Decatur* (NJM).

Short-eared Owl: 1 on 12 Dec at Meetz Wetland *Story* (HZ), 1 on 18 Dec in *Decatur* (NJM), 1 on 20 Dec in *Winneshek* (DK), 1 on 19 Jan in *Polk*



Glaucous Gull, Johnston, Polk, 18 December 2010. Photograph by Stephen J. Dinsmore, Ames, IA.

(DK), and 1 on 19 Jan at Pierce Creek in Page (KDY).

Northern Saw-whet Owl: Singles were found from 19 Dec-9 Jan at Saylorville Res Polk (SJD, DTh, BE), 19 Dec at Big Creek L Polk (JB), 9 Jan at Grammer Grove WA Marshall (MP), 29 Jan at Maynes Grove P Franklin (MP), and 16 Feb at Moorhead P Ida (GLV).

Belted Kingfisher: A total of 20 reports were submitted with 23 individuals with the highest being 3 on 1 Jan in Warren (JS). The northernmost were in Winneshiek (DeC, DK) on 4 Jan and 26 Jan, and Allamakee on 2 Jan (DK).

Red-headed Woodpecker: There were few reports this winter. High: an astonishing 200 on 1 Dec in Decatur (NJM indicated a very large acorn crop this year) with most being one to three individuals being reported.

Yellow-bellied Sapsucker: There were 17 reports of this species this winter with most of the reports coming from the southern third of the state. 10 reports came from Dec, five from Jan and two from Feb. The northern most report was 1 on 24 Dec in Mason City Cerro Gordo (PH).

Northern Flicker: 17 reports were submitted with a high of 25 on 5 Dec near Cherokee Cherokee (DB). There were ten post-CBC reports this year with the highest of 7 on 8 Jan in the Little Sioux R Valley Buena Vista (LAS) and 3 on 22 Jan at Woodthrush Woods Preserve Jefferson (BT). Six Red-shafted morph's were reported this season, two from eastern and central Iowa.

Pileated Woodpecker: Most reports again were from the eastern half of the state, with two coming from Clay this year, 1 on 11-25 Jan in a backyard in Spencer Clay (LAS) and 1 on 28 Feb at Wanata SP in Clay (DTh).

Loggerhead Shrike: All: 2 on 18 Dec near Farragut Fremont (KDY), 1 on 23 Dec near Afton Union (SJD), and 1 on 29 Dec at Riverton WA Fremont (KDY).

Northern Shrike: It was another good winter for shrikes, with 44 reports scattered over most of the state. The southernmost were 1 on 17 Dec at Rathbun Res Appanoose (RLC), 1 on 29 Jan in Clarke (AB) and 1 on 29 Jan in Ringgold (SJD).

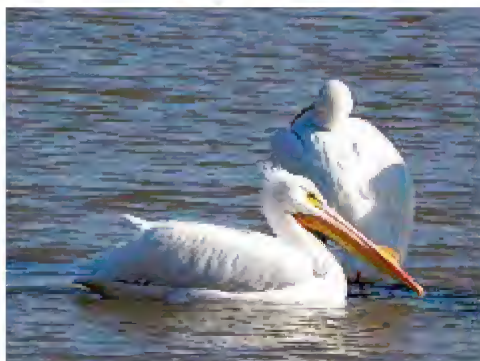
Horned Lark: High: 1,200 on 24 Dec in Fremont (KDY).

Northern Rough-winged Swallow: 1 on 2, 6 Dec at Brushy Creek RA Webster (SJD) continued from the fall below the dam.

Tufted Titmouse: Normal reports mostly from the southern third of the state.

Red-breasted Nuthatch: This species was reported mostly from the southern half of the state. High: 8 on 5 Dec at Green Val-

Trumpeter Swans, Red Rock Reservoir, Marion, 19 February 2011. Photograph by Aaron Brees, Saylorville, IA.



American White Pelican, below Red Rock dam, Marion, 19 February 2011. Photograph by Billy Reiter-Marolf, Granger, IA.



A light morph Red-tailed Hawk, Des Moines, Polk, 13 February 2011. Photograph by Aaron Brees, Saylorville, IA.

Ring-necked Pheasant, Woodbury, 13 February 2011. Photograph by Paul Roisen, Sioux City, IA.



ley L *Union* (JG) and 8 on 3 Jan at the Centerville Res *Appanoose* (RLC).

Brown Creeper: There were 13 reports totaling 21 individuals. The highest numbers were 4 on 21 Jan at Shenandoah *Page* (KDy). The northern most record was 1 on 19 Dec-24 Jan in *Black Hawk* (DE).

Carolina Wren: Good numbers were reported this season, with 1 on 12 Dec at Cherokee *Cherokee* (DB) north of their expected range. Most reports were of 1-2 individuals, most from the southern and eastern part of the state.

Winter Wren: Non-CBC reports: 5 on 11 Dec-8 Jan at Burlington *Des Moines* (JLF), 1 on 16 Jan in Warren (JS), 1 on 17 Jan in Decatur (NJM), 1 on 29 Jan at Pine Lake SP *Hardin* (MP), 1 on 14 Feb at Springbrook SP *Guthrie* (DTh), and 1 on 27 Feb at Montrose Marsh in *Lee* (SJD).

Marsh Wren: 1 on 14 Dec at Harrier Marsh *Boone* (LGD, ph).

Golden-crowned Kinglet: All: 1 on 5 Dec at Green Valley L *Union* (JG), 1 on 5 Dec at Lake Ahquabi SP Warren (JS), and 3 on 18 Dec at Burlington *Des Moines* (JLF).

Ruby-crowned Kinglet: 1 on 18 Dec near Centerville *Appanoose* (DT).

Eastern Bluebird: Moderate numbers were reported across the state. High: 23 on 3 Jan at Waterman Prairie *O'Brien* (DB), 26 on 15 Jan at Little Sioux R *Cherokee* (LAS), 22 on 26 Jan in *Winneshie* (DK), and 54 on 29 Jan in *Clarke* (AB).

MOUNTAIN BLUEBIRD: 1 on 8 Jan at Little Sioux R *Cherokee* (*LAS, ph).

Townsend's Solitaire: All: 1 on 2-28 Jan at Little Sioux WA *Clay* (LAS) and 1 on 3 Jan at Waterman Prairie *O'Brien* (DB).

Hermit Thrush: 21 records reported with most in the southern part of the state. 2 on 5 Dec north of Cherokee *Cherokee* (DB) were farther north than expected. Highest reports were 7 on 24 Dec at Wa-shaw-tee,

Waubonsie SP *Fremont* (KDy), 3 on 8 Jan in *Fremont* (KDy), and 4 on 21 Jan at Forney L *Fremont* (KDy).

American Robin: Higher numbers reported this year with highest of: 3,000 on 1 Dec at Lake Ahquabi SO Warren (JS) and 3,500 on 15 Dec at Shenandoah (near the hospital) *Page* (KDy). Highest for northward migrants were 457 on 29 Jan at Twelve Mile L *Union* (SJD).

Varied Thrush: All: 1 on 2 Dec at a Rockford feeder in *Cerro Gordo* (PH) and 1 on 3 Dec in *Floyd* (CJF).

Gray Catbird: 1 on 10 Dec at Ann Johnson's yard Warren (AMJ) was late.

Northern Mockingbird: All: 5 on 1 Dec in Decatur (NJM), 1 on 17 Dec at Rathbun Res *Appanoose* (RLC), 2 on 18 Dec near Farragut *Fremont* (KDy), 1 on 10 Jan south of Muscatine *Louisa* (KMc), 1 on 23 Jan in Warren (JS), 1 on 23-28 Jan on Amana Rd. *Johnson* (DP), 1 on 29 Jan in *Union* (SJD), and 1 on 29 Jan in *Clarke* (AB).

Brown Thrasher: All: 2 on 1-5 Dec in Decatur (NJM), 1 on 18 Dec in Burlington *Des Moines* (JLF), 1 on 22 Dec at L Manawa *Pottawattamie* (KDy), and 1 on 15-21 Jan at Riverton WA *Fremont* (KDy).

Bohemian Waxwing: 1 on 8 Jan at Little Sioux R Valley *Buena Vista* (LAS), 1 on 11 Jan in back yard in *Story* (WO, ph), and 1 on 19 Feb at Little Sioux R Valley *Buena Vista* (LAS) may be the same bird seen in Jan.

Cedar Waxwing: Highest numbers were 120 on 8 Jan at Wa-shaw-tee Waubonsie SP *Fremont* (KDy), 275 on 26 Jan in *Polk* (SJD), and 150 on 30 Jan in *Scott* (KMc).

Lapland Longspur: Highest numbers were 5,500 on 24 Dec in *Fremont* (KDy), 2,300 on 12 Jan near Luther *Boone* (LGD), 400 on 18 Feb in *Woodbury* (GLV), and 800 on 26 Feb in *Story* (SJD).

Snow Bunting:

Largest flocks of the period were 653 on 5 Dec in *Cerro Gordo* (PH), 335 on 15 Jan at *Harrier Marsh Boone* (LGD), 430 on 15 Jan in *Hancock* (SJD), 550 on 23 Jan in *Worth* (PH), 300 on 29 Jan near *Faulkner Franklin* (MP), 500 on 8 Feb in *Story* (SJD), and 364 on 26 Feb in *Hamilton* (SJD).

Yellow-rumped

Warbler: 13 records this winter. Highest: 5 on 18 Dec *Rathbun Res Appanoose* (RLC), 3 on 18 Dec at *Sacred Heart Cemetary Des Moines* (JLF), 2 on 15 Jan at *Little Sioux R Cherokee* (LAS), and 2 on 29 Jan in *Ringgold* (SJD).

Spotted Towhee: All reports: 3 on 1 Dec-28 Feb in *Decatur* (NJM), 1 on 21 Dec-2 Jan in *Butler* (*KRB, ph), 2 on 24 Dec at *Wa-shaw-tee Waubonsie SP Fremont* (KDy), 2 on 15 Jan in *Fremont* (KDy), 2 on 16 Jan in *Mills* (KDy), and 1 on 8 Feb in *Marshalltown Marshall* (Mike Stegman fide SJD) was found dead at Mike Stegman's feeder.

Eastern Towhee: All: 6 on 1 Dec-28 Feb *Decatur* (NJM), 1 on 2 Jan at *Westfield Plymouth* (BFH), and 1 on 2 Jan at *Broken Kettle Grasslands Plymouth* (GLV).

American Tree Sparrow: Highest number was 2,500 on 30 Jan in *Freemont* (KDy).

Chipping Sparrow: 1 on 4-20 Dec in *Carolyn Fischer's yard Cerro Gordo* (CJF).

Field Sparrow: All: 1 on 5 Dec at *Riverton WA Fremont* (KDy, no details), 1 on 4 Jan-11 Feb at *Ada Hayden P Story* (WO, details, ph), 1 on 22 Jan at *Woodthrush*



Snow Bunting, Harrier M, Boone, 22 January 2011. Photograph by Larry Dau, Boone, IA.

Woods Jefferson (BT, no details), and 1 on 21 Feb in *Decatur* (NJM, details).

Savannah Sparrow: All: 1 on 9 Dec at *Ada Hayden P Story* (WO, no details), 1-2 on 13 Dec-28 Feb at *Harrier Marsh Boone* (*LGD, ph).

Fox Sparrow: Singles recorded in *Boone, Plymouth, Decatur, and Union* in Dec and Jan. In northern Iowa there was a single on 10 Jan at *Hickory Hills P Tama* (DE).

Song Sparrow: Commonly reported from Mississippi R counties. The northernmost interior bird was 1 at *Cedar Falls Ind. P Black Hawk* (DE).

Swamp Sparrow: High count: 4 on 15 Jan at *Stephens SF, Whitebreast Unit Lucas* (JS).

White-throated Sparrow: High count: 35 on 1 Dec-28 Feb in *Decatur* (NJM). Smaller numbers were reported throughout the state.

Harris's Sparrow: 19 records mostly in the southern half of the state: Highest count: 7 on 1 Dec-28 Feb in *Decatur* (NJM),



American Tree Sparrow, Iowa City, Johnson, 23 January 2011. Photograph by Mark Brown, Iowa City, IA.

11 on 16 Jan at Forney L *Fremont* (KDy), 16 on 29 Jan in *Adair* (SJD), and 9 on 29 Jan in *Ringgold* (SJD). The northern most record was 4 on 1 Dec-28 Feb in Ed Thelens's yard *Dickenson* (ET).

White-crowned Sparrow: Nine records in the southern third of the state: Highest counts: 7 on 1 Dec-28 Feb in *Decatur* (NJM), 7 on 15 Jan at *Riverton WA Fremont* (KDy), and 7 on 29 Jan in *Ringgold* (SJD).

Dark-eyed Junco: Highest counts: 175 from 1 Dec-28 Feb in *Decatur* (NJM) and 50 on 10 Jan in *Scott* (KMc). There were seven reports of Oregon race birds this period.

Summer Tanager: All: 1 from 26 Nov-17 Dec at a feeder in *Conrad Grundy* (Jane Gallentine fide SJD, ph) and 1 on 1 Dec at a residential feeder in *Scott* (WMZ, ph).

Rose-breasted Grosbeak: 1 1st yr male on 24-29 Dec at feeder of Betty Stribling in *Ogden Boone* (DCH, ph).

Red-winged Blackbird: Highest count

was 300 on 26 Dec at *Diehl Wetlands Warren* (JS).

Eastern Meadowlark: 2 singing on 20 Feb in *Keokuk* (SJD).

Western Meadowlark: High counts: up to 60 on 1 Dec-28 Feb in *Decatur* (NJM) and 53 on 15 Jan in *Fremont* (KDy) giving Western call notes.

meadowlark sp. 1 on 21 Jan in *Appanoose* (TMH), 2 on 25 Jan at *Colo Story* (HZ), and 1 on 19 Feb at *Davenport Scott* (DP).

Yellow-headed Blackbird: 1 male on 19 Feb at *Ada Hayden P Story* (WO, details).

Rusty Blackbird: High count: 46 at *Shenandoah Page* (KDy), next highest was 17 on 21 Feb at *Port Louisa*



Harris's Sparrow, Adair, 29 January 2011. Photograph by Stephen J. Dinsmore, Ames, IA.

NWR Louisa (BT). From 1–4 were reported from six other counties.

Brewer’s Blackbird: 1 female on 19 Dec at Brenton Feedlot Dallas (LGD, details, dark iris). Always remember that all winter reports require details or photos.

Common Grackle: Only 1–3 were reported with the 3 on 30 Dec in Muscatine (WMZ).

Great-tailed Grackle: 75 on 4 Dec in Warren (JS) and 4 on 15 Dec at Shenandoah Page (KDy).

Brown-headed Cowbird: High count: 35 in Cedar on 20 Feb (SJD).

Purple Finch: 22 reports. High counts: up to 54 on 1 Dec–28 Feb in Decatur (NJM), 129 on 21 Jan at Forney L Fremont (KDy), and 141 on 27 Jan in Allamakee (DK).

Red Crossbill: No reports.

White-winged Crossbill: No reports.

Common Redpoll: 1 on 24 Dec at feeder of Paulette Lugg in Ventura Cerro Gordo (PH, no details).

Pine Siskin: 30 reports. Highest counts: up to 50 on 1 Dec–28 Feb at Fairmont Cemetery Scott (WMZ), up to 34 on 1 Dec–28 Feb at Ames Story (SJD), and 50 on 18 Jan at Sacred Heart Cemetery Des Moines (JLF).

American Goldfinch: High count: 72 on 10 Jan in Scott (KMc).



Eurasian Tree Sparrow, Iowa City, Johnson, 19 December 2010. Photograph by Mark Brown, Iowa City, IA.

Eurasian Tree Sparrow: All: 2 on 19 Dec in Iowa City in Johnson (MHB), 4 on 19 Dec in Scott (WMZ), 1 on 22 Jan at Cone Marsh Louisa (DP), 3 on 14 Feb in Cedar (SJD, ph) and 2 on 20 Feb near Kinross Keokuk (SJD).

CONTRIBUTORS

Kelly Barnett	KRB	Des Moines	Keith Dyche	KDy	Shenandoah
Dick Bierman	DB	Cherokee	David Eastman	DE	Cedar Falls
John Bissell	JB	Grimes	Chris Edwards	CRE	Solon
Marc Bolinger	MB	Moline, IL	David Edwards	DE	Ames
Aaron Brees	AB	Des Moines	Bery Engebretsen	BE	Urbandale
Mark Brown	MHB	Iowa City	Carolyn Fischer	CJF	Mason City
Mark Carson	MAC	Cambridge	Jim Fuller	JLF	Iowa City
Dennis Carter	DeC	Decorah	Jane Gallentine		Grundy County
John Cecil	JCe	Des Moines	Jacob Gilliam	JG	Norwalk
Raymond Cummins	RLC	Centerville	Cory Gregory	CG	Ames
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Jacob Newton	JN	Ottosen	Dan Tiemeier	DT	Centerville
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Diane Porter	DCP	Fairfield	Rose M. Weigel		Decorah
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Iowa Christmas Bird Count, 2010–2011

Chris Caster

Fifty-one Christmas Bird Counts were held in Iowa this year (Table 1). That is second only to the fifty-two held in '06-'07. All four counts canceled last year for weather returned. And there were no weather cancellations this season.

December was cold early with most of the state falling below zero by the count period. However, sub-zero temperatures were only reported from counts held on the 19th, and mild conditions took over later in the month. The Lamoni and Wapello County counts had highs in the sixties on the 30th. Snow was only a factor in the northeast. Decorah reported 27 inches, but other nearby counts had just a foot or less.

The species count this season was 135, right on the count average. The total birds counted (541,547) were well above the 10-year average. Once again Keokuk had the high-count with 85 species, a position it has now held in 9 of the last 10 counts. A close second, Burlington (84) was the only other count to break the 80 bird mark. Other high counts included Omaha (78), Red Rock (77), Shenandoah (76), Clinton, Princeton, and Davenport (75), and Saylorsville (74).

The average count this year had 11 people, 5 field parties, and found 55 species.

REGULAR SPECIES

Five regular species were found in record numbers this season. Frequently reported species are recorded in Table 2. Species found on three or fewer counts are recorded in Table 3.

It was a very good year for Greater White-fronted Geese (141) as they were reported on 13 counts, with 86 at Shenandoah. Snow Geese (126) were relatively uncommon. Fifty-seven were at Sioux City and 27 were at Shenandoah; 17 at Princeton seemed misplaced. Single Ross's Geese were reported on three counts. Cackling Geese (2,450) and Canada Geese (186,677) were present in record numbers. A whopping 68,659 Canadas were at Sioux City. Exceptional numbers were also at Spirit Lake and Union County. Trumpeter Swans (115) were found in good numbers with 30 at SE Webster County. Four Mute Swans were reported. Puddle ducks numbers were generally low; however, Mallards (57,375) were about average and Northern Pintails (42) had their best year in seven.

Diving ducks were also scarce. Canvasbacks (574), often the most abundant of the divers, were at their lowest numbers in a decade. Only Common Goldeneyes (6,300) were found in average numbers. Common Mergansers (972) were at their lowest level in more than 20 years. Bufflehead (4) had averaged more than 100 recently. The only scoter was a White-winged at Sioux City. Long-tailed Ducks (3) were at Keokuk and Red Rock.

Gray Partridges (45) were only found on six counts, but Ames had seventeen. Ring-necked Pheasants (1,135) were seen in fair numbers. Wild Turkeys (2,528) were in good numbers. Decorah had the only Ruffed Grouse. Northern Bobwhites (22) fell to their low-

est numbers in nine years. Even the Lamoni count did not find a bobwhite. High counts were 6 birds each at Marshalltown and Shenandoah.

Pied-billed Grebes were not reported. American White Pelicans (341) were found on six counts. Three hundred and twenty of those were at Red Rock and 13 were at Keokuk. Double-crested Cormorants (7) were scarce for the second straight year. Great Blue Herons (92) were found in fair numbers.

Bald Eagles (3,655) were found in good numbers. Only two counts did not find an eagle. Northern Harriers (77) rebounded to average numbers. Sharp-shinned Hawks (92) and Cooper's Hawks (109) were both common. Five Northern Goshawks were reported. Red-shouldered Hawks (12), Red-tailed Hawks (1,879), and Rough-legged Hawks (185) were all found in good numbers. Three Golden Eagles were found, with two others as count week birds. American Kestrels (402) were in disappointing numbers. This was their third lowest total in over twenty years. Merlins (15) bounced back nicely from the four birds last season. Peregrine Falcons (7) set a new record high.

American Coots (99) seemed abundant given the paucity of waterfowl. Killdeer (22) were in fair numbers and Wilson's Snipes (30) were in good numbers. Ring-billed Gulls (4,868) and Herring Gulls (653) were well below average. No Thayer's Gulls were reported for the second straight year. Lesser Black-backed Gulls were at Davenport and Keokuk. Single Glaucous Gulls were reported from Muscatine, Des Moines, and Red Rock.

Rock Pigeons (12,786) were at near record numbers. There were more than 500 Eurasian Collared-Doves (513) for the second straight year; Ames had 72 of them. Mourning Doves (4,140) were only in fair numbers.

Eastern Screech-Owls (107) were at their average. Almost never have Barred Owls (183) exceeded Great Horned Owls (173), but they did this year. Long-eared Owls (27) had their lowest total in nine years. Short-eared Owls (14) rebounded from last year's seven birds. Seven of those were at Lost Nation. Single Northern Saw-whet Owls were only reported from DeSoto NWR and Saylorsville.

Belted Kingfishers (113) were about average. Red-headed Woodpeckers (398) had their highest total in sixteen years, thanks to an astonishing 258 at Lamoni. Red-bellied, Downy, Hairy, and Pileated woodpeckers all had better than average counts. It was also a very good count for Yellow-bellied Sapsuckers (48) and Northern Flickers (930).

Northern (39) and Loggerhead (7) shrikes were both better than average. Blue Jays (5,177) were abundant. American Crows (53,731) were actually well below average. Horned Larks (5,275) have been well above average for the last four counts. Black-capped Chickadee (6,523) numbers were about average, as were Tufted Titmice (682). Red-breasted Nuthatches (102) were in fair numbers with 24 at Spirit Lake. White-breasted Nuthatches (2,842), Brown Creepers (262), and Carolina Wrens (84) were all somewhat below average. Winter Wrens (36) posted good numbers. Golden-crowned Kinglets (97) were plentiful and four Ruby-crowned Kinglets were reported.

It was a good year for thrushes. Eastern Bluebirds (1,199), Hermit Thrushes (28), and American Robins (11,249) were all abundant. Northern Mockingbirds (9) were reported from 5 counts; four were at Lamoni. Single Gray Catbirds were at Cedar Rapids and Red Rock. Five Brown Thrashers was the most in nine years. Cedar Waxwings (4,326) were above their average. Yellow-rumped Warblers (80) numbers were second only to the 127

birds from two years ago. European Starlings (56,580) were above average; the Keokuk count machine reported an amazing 8,871 starlings.

Sparrow numbers were mixed. Six towhees were average. Both Spotted Towhees were on Missouri River counts. Interestingly two of the four Eastern Towhees were also reported from Missouri River counts, and DeSoto NWR had one of each. American Tree Sparrows (16,530) were abundant. Song (521) and Swamp (68) sparrows were below average. White-throated (536), Harris (220), and White-crowned (87) sparrows were all above average. Three Field Sparrows, four Lincoln's Sparrows, and five Savannah Sparrows were reported. Dark-eyed Juncos (28,377) were again at near-record numbers. Lapland Longspurs (4,267) posted their second highest total ever with more than 1,500 at Union County. Not to be outdone, Snow Buntings (3,911) were found in record numbers. Northern Cardinals (7,953) were also abundant.

It was a poor year for icterids. Red-winged Blackbirds (1,048) were their lowest in more than 20 years. Meadowlarks (292) were about average. Rusty Blackbirds (101), Common Grackles (150), and Brown-headed Cowbirds (224) were all well below average. Brewer's Blackbirds (7) were reported from four counts; two others had count week Brewer's. A count week Great-tailed Grackle was at Omaha.

Purple Finches (655) were above average, but House Finches (2,153) were below. Common Redpolls (6) were reported from four counts. Pine Siskins (480) rebounded from just 44 birds of a year ago to above average numbers. American Goldfinches (4,157) and House Sparrows (22,837) were below average. However, Eurasian Tree Sparrows (1,572) set a new record high. West Mercer County had 721 and Burlington had 399. Twenty-seven at Princeton and 40 at Amana were the extralimital birds.

NOTABLE MISSES

Thayer's Gull (22 of last 23) has been missed on the last two counts. Pied-billed Grebe has also been missed only once on the previous 23 counts. Also missed were Tundra Swan, Black Scoter, Bonaparte's Gull, Black-billed Magpie (8 of last 10), Marsh Wren (6 of last 10), American Pipit, and Great-tailed Grackle (5 of last 10).

UNCOMMON SPECIES

There were several really unusual birds on this count. Because they were new to the count, and seen in Iowa, this year's best birds went to the two White-winged Doves seen on the Shenandoah count. Also new to the count, but seen in Nebraska, were two Clay-colored Sparrows on the Omaha count. Equally amazing were two Evening Grosbeaks, seen in Illinois on the Andalusia count. Two Chipping Sparrows were also reported—one at Sioux City and another at Mason City. Mason City also had a Varied Thrush. A Blue-winged Teal was at Omaha and a Yellow-headed Blackbird was at Shenandoah. A Common Loon was on the Wapello County count. Ames had a White-winged Crossbill and DeSoto NWR had a count week Prairie Falcon.

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Table 1. Site Data for 2010-2011 Christmas Bird Counts

Location	Date	Total		Field		Miles		Owling		Feeder		Temp		Snow		Wind
		Species	Birds	Obs	Pts	Hr	Car	Ft	Hr	Mi	Pt	L	H	Depth		
MISSISSIPPI RIVER																
1. Yellow River Forest	20-Dec	50	3,205	6	4	24	235	2	1.5	15	0	0	19	27	16	SE 5-25
2. SE Clayton County	3-Jan	42	2,046	6	3	20.5	224	4.5	1.25	20	1	8	17	31	9	var. 0-10
3. Dubuque	18-Dec	51	3,465	15	7	39.5	238	7.75	0	0	1	1	5	15	15	SW 5-16
4. Green Island	17-Dec	58	6,218	15	5	36	303	3.5	1.5	15	0	0	4	15	7	SW 0-11
5. Clinton	21-Dec	75	6,155	8	5	39.75	276	4.25	5	55	4	5	32	36	11	E 0-5
6. Princeton	22-Dec	75	7,954	8	4	37.75	353	4	7	75	0	0	6	19	13	SW 5-10
7. Davenport	19-Dec	75	16,944	16	6	54	436	9.25	9.5	81	12	18	-6	24	5	W 0-5
8. Andalusia	2-Jan	65	6,210	8	3	29.25	347	2	6.25	69	1	3	13	30	0	SW 5-15
9. Muscatine	30-Dec	71	9,725	14	5	41.5	357	7.25	8.25	62	8	8	37	51	1	S 10-20
10. West Mercer County	29-Dec	70	9,100	10	5	40.5	270	7.5	8.75	68	0	0	8	37	4	S 5-10
11. Burlington	18-Dec	84	12,547	15	5	45	245	32	1	10	3	12	18	34	2	S 5-10
12. Keokuk	20-Dec	85	41,471	7	4	36	302	13	2	2.5	0	0	28	37	0	NW 2-13
MISSOURI RIVER																
13. Westfield	2-Jan	47	6,952	16	7	35	358	3	1	12	6	24	2	26	1.5	WNW 0-5
14. Sioux City	14-Dec	63	104,037	12	9	42	493	6	2	2	5	6	5	15	4	S 5-15
15. De Soto NWR	2-Jan	65	16,478	21	10	72.25	393	31.7	1.5	34	1	1	13	28	0	SW 12-20
16. Omaha	18-Dec	78	26,591	41	11	73.75	320.5	30.5	1	0.5	2	3.5	15	30	1.5	na
NORTHERN THIRD																
17. Decorah	27-Dec	47	3,604	15	4	23.5	206	3.75	0	0	7	7	9	15	27	NW 2-10
18. Bremer County	18-Dec	43	3,601	9	5	33	323	6	0	0	0	0	0	18	15	NE 5-10
19. Worth County	1-Jan	27	1,505	5	3	17.5	206	1.75	0	0	0	0	0	7	6	SW 20-40
20. Mason City	18-Dec	51	11,045	14	7	56.5	502	14	0	0	10	7.5	6	16	16	W 5-8
21. Spirit Lake	18-Dec	52	33,242	5	2	13.5	194	2.5	0	0	33	99	0	16	3	NW 10-15
22. Humboldt County	30-Dec	39	1,743	3	3	21.5	263	3.5	2.5	27	0	0	33	53	4	SSE 14-22
23. Cherokee	19-Dec	49	5,095	7	5	32	437	2	1	8	4	11	-5	28	4	calm
MIDDLE THIRD																
24. Lost Nation	16-Dec	50	4,512	11	5	36.75	446	1	1.5	10	0	0	15	19	13.5	NE 5-8
25. North Linn	29-Dec	42	2,268	4	3	19.5	245	3	1.5	14	1	2	13	32	14	SE 7-18
26. Cedar Rapids	18-Dec	55	10,116	9	7	36.75	413	5	2	15	5	15	0	16	4	NW 5-10
27. Iowa City	19-Dec	65	8,093	33	10	56	486	14	5	48	10	19	-2	20	2	E 0-5

28. Amana	28-Dec	43	1,127	9	3	18	55	6	3	8	0	0	0	5	26	7	calm
29. Buchanan County	20-Dec	25	702	5	3	6	87	2	0	0	0	0	0	14	30	13	ESE 0-15
30. Cedar Falls-Waterloo	19-Dec	62	16,516	9	6	35	493	14	0	0	0	0	0	-11	17	12	N 0-5
31. Eldora-Union	22-Dec	42	1,069	4	2	15	128	3	1	10	0	0	0	22	28	3	NW 5-10
32. Marshalltown	16-Dec	33	1,755	7	4	24	208	0	0	0	5	na	na	na	20	na	calm
33. Grinnell	18-Dec	25	1,202	8	3	34	85	12	1	0	2	10	8	8	22	2	W 5-8
34. Ames	18-Dec	65	20,962	35	18	79.5	443	46.5	4.5	34	9	21.5	7	20	2	2	W 5-13
35. Saylorsville Reservoir	19-Dec	74	15,452	17	11	69.5	554	29	4.25	39	0	0	-2	25	2	2	SE 5-15
36. Des Moines	26-Dec	63	13,974	10	6	28	237	13	1	10	8	24	12	16	2	2	W 0-5
37. Neal Smith NWR	2-Jan	38	1,470	22	6	21.5	148	13	1.5	16	1	4	12	21	24	24	SW 9-19
38. SE Webster County	18-Dec	43	2,210	13	4	20	155	12	0	0	1	3	15	20	na	na	N 5-10
39. Boone County	1-Jan	59	6,637	28	13	89.5	551	34.75	3.25	30	11	39.5	5	14	0.5	0.5	W 15-26
40. Jamaica	14-Dec	55	7,468	4	2	18	172	6.5	2	18	0	0	11	21	6	6	var 5-10
41. Dallas County	18-Dec	60	5,054	14	6	38	272	11	0	0	12	23.5	11	23	2	2	W 0-10
42. Sac County	18-Dec	21	2,408	2	1	10	52	1.3	0	0	0	0	5	19	2.5	2.5	W 5-8
43. Carroll County	2-Jan	48	1,794	9	na	na	na	na	na	na	3	na	na	na	na	na	na
44. Ida County	26-Dec	40	3,134	11	5	40.5	266	6.5	1	1	3	7	4	7	7	7	calm
SOUTHERN THIRD																	
45. Wapello County	30-Dec	41	3,667	5	2	7.5	117	1.5	0.5	0	4	5	55	62	0	0	SW 10-15
46. Red Rock Reservoir	19-Dec	77	11,715	9	7	35.75	402	8	1	2.5	0	0	14	26	1	1	SE 0-6
47. Rathbun Reservoir	18-Dec	71	12,957	12	5	46	497	5.5	4.5	65	6	12.5	15	27	3	3	WNW 5-15
48. Lamoni	30-Dec	72	8,211	16	6	60	240	63	1	2	6	50	40	63	0	0	S 10-30
49. Union County	23-Dec	62	17,372	2	2	9	103	3	0.75	7	0	0	26	30	2	2	SE 5-10
50. Taylor County	27-Dec	50	4,434	7	3	24	196	11	0	0	1	9	13	29	3	3	SW 0-5
51. Shenandoah	18-Dec	76	16,335	12	5	49.5	328	4	1	5	11	6	7	32	0	0	N 0-5
TOTALS		135	541,547														

Table 2a. Christmas Bird Count Data, 2010–2011

Location	Gr W-f Go	Sn Go	Cack Go	Ca Go	Tr Sw	Wo Du	Ga	Am Wi	Am Bl Du
MISSISSIPPI RIVER									
1. Yellow River Forest				1					6
2. SE Clayton County									
3. Dubuque				39	1				
4. Green Island				4					
5. Clinton				3	2	1	17		6
6. Princeton		17	1	403	17		1		2
7. Davenport			2	2395	1	1			2
8. Andalusia				913	2	1			
9. Muscatine				458					2
10. West Mercer County				25					
11. Burlington			212	4074	1		4	1	
12. Keokuk	9		310	5063	2	3	16	2	2
Subtotals	9	17	525	13378	26	6	38	3	20
MISSOURI RIVER									
13. Westfield		3		3500					
14. Sioux City	28	57	122	68659	1		28		2
15. De Soto NWR	1		4	5168					
16. Omaha		8	817	9606			1		
Subtotals	29	68	943	86933	1	0	29	0	2
NORTHERN THIRD									
17. Decorah				340					
18. Bremer County				2					
19. Worth County				5					
20. Mason City				779	5				2
21. Spirit Lake			22	29131			5		
22. Humboldt County				161	1				
23. Cherokee				2					
Subtotals	0	0	22	30420	6	0	5	0	2
MIDDLE THIRD									
24. Lost Nation				25	18				
25. North Linn				32					
26. Cedar Rapids				2073					
27. Iowa City			1	605	2				
28. Amana									
29. Buchanan County									
30. Cedar Falls-Waterloo	1	2	44	2083	7				3
31. Eldora-Union				1					
32. Marshalltown				465					
33. Grinnell				640					
34. Ames	5		82	3962	6				
35. Saylorville Reservoir	1	2	140	2155			1		1
36. Des Moines	1		12	2769			1		1
37. Neal Smith NWR									
38. SE Webster County			1	1000	30		1		
39. Boone County				38	1				
40. Jamaica	2		3	5400		1	4		
41. Dallas County		cw		1100	5				
42. Sac County				2000					
43. Carroll County					cw				cw
44. Ida County				27				1	
Subtotals	10	4	283	24375	69	1	7	1	5
SOUTHERN THIRD									
45. Wapello County				2181	12				
46. Red Rock Reservoir	4	1	150	5500	1		6		5
47. Rathbun Reservoir	1	1	102	7750		1	1		
48. Lamoni	1		17	684				1	
49. Union County	1	6	227	11755				2	3
50. Taylor County		2	9	901					
51. Shenandoah	86	27	172	2800			3	6	1
Subtotals	93	37	677	31571	13	1	11	9	9
TOTALS	141	126	2450	186677	115	8	90	13	38

Ma	No Sh	No Pi	G-w Te	Ca	Re	Ri Ne Du	Gr Sc	Le Sc	Co Go	Ho Me	Co Me	Ru Du	Gr Pa	Ri Ne Ph
433				3	1				29		4			10
2														6
86								4	11		67			2
8									47					
75	1	1		3		12			5		27			1
314				50				12	529	15	123			3
1683				48		51		4	682	1	132			14
191				16				7	725		13			
295				1				1	293		129			4
20									488		1			76
789		1		56				4	278		34			2
1013	33	1	1	392	5	64	65	19	2584	3	161	20		
4909	34	3	1	569	6	127	65	51	5671	19	691	23	0	118
1001														15
30688		2	10	1	4	1		1	58			16		4
4770		10						12	161		48	3		78
3688	3	6	36					1	43	3	23	4		
40147	3	18	46	1	4	1	0	14	262	3	71	23	0	97
7														37
4													7	15
641													10	33
152							2	1	9	6		20		214
74									1				2	3
878	0	0	0	0	0	0	2	1	10	6	0	20	19	336
17													5	65
623									30					10
580				2	2		1	1	1					5
137														3
765		2						5	4	1	3			22
50														6
48														16
235		1	cw		cw				1	1		cw	17	99
704		1									1			154
834	7				1		1		70	3		7		
200								4	5					12
5														16
299	1				1						1	3		6
1														12
30														45
160			cw								cw			1
49														24
4737	8	4	0	2	4	0	2	10	111	5	5	10	22	539
135	20								16					
1150		2			1	6	3	7	185	1	200	1	4	5
226		1	1					2	8		5	3		2
232												cw		6
1809		9		1	6	3	6	21	33	1		14		2
100							1	3	4					1
3052	1	5		1		5						5		29
6704	21	17	2	2	7	14	10	33	246	2	205	23	4	45
57375	66	42	49	574	21	142	79	109	6300	35	972	99	45	1135

Table 2b. Christmas Bird Count Data, 2010–2011

Location	Wi Tu	No Bo	Am Wh Pe	Gr Bl He	Ba Ea	No Ha	Sh Sh Ha	Co Ha	No Go
MISSISSIPPI RIVER									
1. Yellow River Forest	63				57			3	
2. SE Clayton County	64				51		2	1	
3. Dubuque	46	1			67		2	3	1
4. Green Island	27				112		2	2	1
5. Clinton	49			4	39		6	7	
6. Princeton	30	2		3	109	3	3	4	
7. Davenport	74			12	214		4	6	1
8. Andalusia				2	144	1	1	1	
9. Muscatine	96			7	174	2		2	
10. West Mercer County	139	3		8	200	8	2	2	1
11. Burlington	3		1	23	649	4	2	3	
12. Keokuk	1		13	9	919	5	2	4	
Subtotals	592	6	14	68	2735	23	26	38	4
MISSOURI RIVER									
13. Westfield	59				2		2	1	
14. Sioux City	155				12		3	2	
15. De Soto NWR	163				40	7	7	1	1
16. Omaha	157		4	3	33	8	7	3	
Subtotals	534	0	4	3	87	15	19	7	1
NORTHERN THIRD									
17. Decorah	47				33		1	1	
18. Bremer County	142				17			2	
19. Worth County	18				2			1	
20. Mason City	127				13		2	4	
21. Spirit Lake	53						6	1	
22. Humboldt County	24				3				
23. Cherokee	59				20		2		
Subtotals	470	0	0	0	88	0	11	9	0
MIDDLE THIRD									
24. Lost Nation	110			2	42	9	1	2	
25. North Linn	45				13		2	2	
26. Cedar Rapids	58				39		1	9	
27. Iowa City	55		1	1	88	2		4	
28. Amana	22				12				
29. Buchanan County	9				6				
30. Cedar Falls-Waterloo	108			3	19		1	5	
31. Eldora-Union					18				
32. Marshalltown	56	6			6		1		
33. Grinnell	35								
34. Ames	15			1	11		4	7	
35. Saylorville Reservoir	46			1	5	4	9	6	
36. Des Moines	49		2	1	58				
37. Neal Smith NWR	5				3	1		1	
38. SE Webster County	36				12	1			
39. Boone County	64				33	1	7	2	
40. Jamaica	1				4		1	1	
41. Dallas County	19			3	12		1	2	
42. Sac County					6				
43. Carroll County	cw	2		1	5		2	1	
44. Ida County	33				3		1	1	
Subtotals	766	8	3	13	395	18	31	43	0
SOUTHERN THIRD									
45. Wapello County	5				121			2	
46. Red Rock Reservoir	8	1	320		139	1		2	
47. Rathbun Reservoir	17	1		7	25	1		2	
48. Lamoni	50				29	6	3	1	
49. Union County	2				7	1	1		
50. Taylor County	61				24	3		2	
51. Shenandoah	23	6		1	5	9	1	3	
Subtotals	166	8	320	8	350	21	5	12	0
TOTALS	2528	22	341	92	3655	77	92	109	5

ac sp	Re Sh Ha	Re Ta Ha	Ro Le Ha	Go Ea	Am Ke	Me	Pe Fa	Am Co	Ki	Wi Sn	Ri Bi Gu	He Gu	Ro Pi	Eu Co Do
		24	6	1	2								96	66
	1	22	16		8								87	
		25	4		1						2		134	
		64	14		12								287	
		48	6		9	2			4	4			188	2
		41	3		34				2		7	23	106	8
	1	77	4		22		4		2		275	112	1897	
	2	57	3		13						113	37	100	
	1	36	2		13					1	195	193	96	20
	1	58	12		19	1				1	12	6	210	3
	1	32	3		15	1	1	16	5	10	1		579	4
		33	5		19			13	4	8	4256	171	366	1
0	6	517	78	1	167	4	6	29	17	24	4861	542	4146	104
		57	22		4			31					161	12
		53	1		4								462	29
		95	5	cw	4								208	
0	1	146	3		17	2		31	0	1			482	3
		29	1	1									162	
	1	12	3		1								184	3
		16	1										48	
		18	1		2			2					541	
		20	5										35	3
		6	1		1								89	8
0	1	47	4		1	2							357	7
0	1	148	16	1	5	2	0	2	0	0	0	0	1416	21
2		56	7		27					1			81	
		14	3		6								52	1
		40	3		14		1		3				1323	
1		88	6		15	1				1		3	385	18
		5	3		3								70	
	4	33			3	1							6	2
		18			3								589	
		14			4								26	6
		18	1		1									
		89	1		4			cw					384	72
1		61	3		10				1	1			1123	15
1		45	2		7	2							647	1
		14	2		4								20	31
		20							1				20	1
		69	8	1	4	1					1		158	36
		21	1		5								10	19
		42	2		6								303	22
		9			1								39	1
		8	2		3								58	5
		22	1										71	29
5	4	686	45	1	120	5	1	0	5	3	1	3	5365	258
		8			6							100	210	
		35			3			1			3	8	31	14
		40	2		25					2			29	2
	cw	40	1	cw	22	1					3		88	42
		24	1		16	1							40	9
		25	2		3								20	
		5	2		6			36					128	19
0	0	177	15	0	81	2	0	37	0	2	6	108	546	86
5	12	1879	185	3	402	15	7	99	22	30	4868	653	12786	513

Table 2c. Christmas Bird Count Data, 2010–2011

Location	Mo Do	Ea Sc Ow	Gr Ho Ow	Ba Ow	Lo Ea Ow	Sh Ea Ow	Be Ki	Re He Wo	Re Be Wo
MISSISSIPPI RIVER									
1. Yellow River Forest	25	6	1				7	4	32
2. SE Clayton County	19	2	5					2	45
3. Dubuque	55		2				3		54
4. Green Island	167	3	6	1	1		5	1	58
5. Clinton	273	14	7	9			4	3	68
6. Princeton	263	2	4	7			7	22	58
7. Davenport	307	2	1	3			7	7	72
8. Andalusia	58	5	8	17			1	6	68
9. Muscatine	247	7	6	10			1	4	73
10. West Mercer County	559	12	37	26	3		8		81
11. Burlington	341	2	1	5			4	14	57
12. Keokuk	121		1	2			5	5	47
Subtotals	2435	55	79	80	4	0	52	68	713
MISSOURI RIVER									
13. Westfield	5	7	6	4	5		1		30
14. Sioux City	50	1	1						35
15. De Soto NWR	36	2	8	7			2	4	78
16. Omaha	124		5	5			2	23	136
Subtotals	215	10	20	16	5	0	5	27	279
NORTHERN THIRD									
17. Decorah	30			1			6		16
18. Bremer County	63		1	1				1	13
19. Worth County	4		2		2				1
20. Mason City	25	1	1	1		1	1		31
21. Spirit Lake	14		2		1		1		33
22. Humboldt County	2			1			2		8
23. Cherokee	33	2	2				2		17
Subtotals	171	3	8	4	3	1	12	1	119
MIDDLE THIRD									
24. Lost Nation	171	2		2	1	7	8	7	20
25. North Linn	40				2				41
26. Cedar Rapids	266	4		2			4	5	44
27. Iowa City	105		3	1			1	6	73
28. Amana	26	2	2	7				3	11
29. Buchanan County	8			1					2
30. Cedar Falls-Waterloo	95		1	3		1	2	1	40
31. Eldora-Union	21			2			2		13
32. Marshalltown	31							1	14
33. Grinnell	3		1						3
34. Ames	71	1	5	13	1		3	3	125
35. Saylorville Reservoir	123	2	15	12	1		6	1	71
36. Des Moines	67	1	2	5			4	1	41
37. Neal Smith NWR	6					3		2	7
38. SE Webster County							2		22
39. Boone County	25	4	2	5		1	1	1	106
40. Jamaica	6	2	1	1			2	1	23
41. Dallas County	86		2		2		1	2	84
42. Sac County									5
43. Carroll County	2	1	5	3	1				32
44. Ida County	10	3	6		1				19
Subtotals	1162	22	45	57	9	12	36	34	796
SOUTHERN THIRD									
45. Wapello County	15			2					7
46. Red Rock Reservoir	41	1	1	3	1		2		39
47. Rathbun Reservoir	23	10	8	8			4		44
48. Lamoni	42	1	3	8	1	1	cw	258	76
49. Union County	2	1	2	3	3			1	7
50. Taylor County	15	1		1					28
51. Shenandoah	19	3	7	1	1		2		50
Subtotals	157	17	21	26	6	1	8	268	251
TOTALS	4140	107	173	183	27	14	113	398	2158

Ye Be Sa	Do Wo	Ha Wo	No Fl	Pi Wo	Lo Sh	No Sh	Bl Ja	Am Cr	Ho La	Bl Ca Ch	Tu Ti	Re Br Nu	Wh Br Nu	Br Cr
	31	9	3	9		3	113	278	32	72	12	2	46	
2	49	9	3	8		1	116	264	1	123	23		76	9
3	69	10	3	1		1	131	141	28	153	33		90	
5	45	15	15	7		3	180	283	144	136	34		54	16
	83	33	15	9		2	195	186	74	230	26	1	120	15
	63	25	13	4		1	147	194	86	160	33	1	45	3
2	119	15	13	3		1	132	498	43	327	17		105	12
2	64	20	7	5			150	138	155	218	47		113	4
1	84	22	17	10			163	105	68	187	48	1	71	14
	74	25	19	9			109	137	330	185	43	1	90	9
9	49	7	20	6			165	234	73	115	28	1	42	1
5	54	7	23	5			119	13593	106	117	19		33	11
29	784	197	151	76	0	12	1720	16051	1140	2023	363	7	885	94
	41	12	18			2	106	73	428	55			32	4
	61	12	37			3	53	101	43	138		5	46	6
cw	91	19	135	cw	1	2	116	198	21	265	17	5	94	11
2	161	22	128	3		1	147	89	13	332	34	4	205	13
2	354	65	318	3	1	8	422	461	505	790	51	14	377	34
1	28	7	2	1		1	87	1168	5	90	7		24	2
	27	9	1			1	84	282	39	110			29	
	5						27	183	6	40			9	
	62	28	3			1	121	5851	16	126		cw	43	1
2	91	28	8				63	73	22	189		24	123	9
	20	2					17	4	50	28		1	17	1
1	22	2	17			1	146	232	459	27		3	17	2
4	255	76	31	1	0	4	545	7793	597	610	7	28	262	15
	13	8	2		1		103	122	113	85	5		50	5
1	28	4	3	2			86	71	111	95	1		27	
1	97	17	11	4		1	87	752	98	284	34	2	69	6
1	99	16	18	4		1	132	912	91	248	68	7	73	2
	8	4	2	2			30	50	120	20	1	1	12	1
	7	4					2	47	40	20			4	
	59	17	3	1		2	147	8491	21	207	2	3	73	6
	17	10	1	2		1	24	40	45	24			16	1
	27	9	3	1			39	43	35	26	1		12	1
	7	2					25	29	74	11			5	
1	190	43	40			1	157	7700	222	582	2	5	221	29
1	106	29	29	2		2	134	221	385	264	12	2	109	2
	89	13	17	3			50	7500	112	130	15	1	69	3
	17	4	6			1	30	15		29		1	13	
	12	5	1	1		1	29	25	2	40		1	16	
	180	61	5			1	87	983	53	286	23	2	102	3
	18	2	5				39	53		43	2		18	2
	79	18	27				68	262	180	99	7	12	97	8
	8	2					7			12		1	10	
	30	16	11				31	116	220	20		2	31	5
	16	9	8			2	110	107	788	20		6	26	6
5	1107	293	192	22	1	13	1417	27539	2710	2545	173	46	1053	80
1	14	5	3				34	197		39	13		14	2
1	45	5	14				140	320	21	134	6		40	
	47	10	20	1		1	300	183	10	146	23	3	69	2
5	57	52	127	3	1	1	326	722	134	134	46	2	69	28
	17	7	19		1	1	51	219	10	13			8	
	29	10	36				68	208	108	64		2	28	5
1	28	1	19		3		154	38	40	25			37	2
8	237	90	238	4	5	2	1073	1887	323	555	88	7	265	39
48	2737	721	930	106	7	39	5177	53731	5275	6523	682	102	2842	262

2011 IOU Photo Contest Winners

IOU is pleased to announce the 2010 photography contest winners. Entries this year were judged by Ty Smedes, Karen Viste-Sparkman, and Stuart Sparkman.



1st Place

Lapland Longspur, 18 January 2011, Harrier Marsh, Boone. Photograph by Larry Dau, Boone, IA.



Matted Photo Division

2nd Place

Nashville Warbler, 12 October 2010, Boone. Photograph by Larry Dau, Boone, IA.



3rd Place

Nelson's Sparrow, 14 October 2010, Harrier Marsh, Boone. Photograph by Larry Dau, Boone, IA.



Electronic Division

1st Place

Le Conte's Sparrow, 12 October 2010, Harrier Marsh, *Boone*. Photograph by Tyler M. Harms, Ames, IA.

2nd Place

Orange-crowned Warbler, 11 October 2010, *Boone*. Photograph by Larry Dau, Boone, IA.



3rd Place

Lincoln's Sparrow, 15 October 2010, Harrier Marsh, *Boone*. Photograph by Larry Dau, Boone, IA.

Table 2d. Christmas Bird Count Data, 2010–2011

Location	Ca Wr	Wi Wr	Go Cr Ki	Ea Bl	He Th	Am Ro	No Mo	Br Th	Eu St
MISSISSIPPI RIVER									
1. Yellow River Forest		1		12		3			256
2. SE Clayton County				10		33			108
3. Dubuque				19		28			770
4. Green Island	1		2	97	5	347			1093
5. Clinton	1	2	13	46	5	517			1075
6. Princeton		3	2	7		139	1		1404
7. Davenport	8	1		14		129			3883
8. Andalusia	4		3	81		103			801
9. Muscatine	2		2	25		2	1		2740
10. West Mercer County	3	2	12	40	4	125			1164
11. Burlington	8	6	2	58		299	1	1	1901
12. Keokuk	18		5	30		456			8871
Subtotals	45	15	41	439	14	2181	3	1	24066
MISSOURI RIVER									
13. Westfield				35				1	139
14. Sioux City			1	18		26			1562
15. De Soto NWR		1	3	63	cw	671			1428
16. Omaha	6	3	12	175	9	1533			5007
Subtotals	6	4	16	291	9	2230	0	1	8136
NORTHERN THIRD									
17. Decorah				9	1	4			519
18. Bremer County									820
19. Worth County									8
20. Mason City						3			693
21. Spirit Lake			2						1364
22. Humboldt County						1			527
23. Cherokee				19		89			890
Subtotals	0	0	2	28	1	97	0	0	4821
MIDDLE THIRD									
24. Lost Nation				11		45			496
25. North Linn				15		4			179
26. Cedar Rapids	6			7		86			778
27. Iowa City	5	1	4	10	1	362			887
28. Amana	1			21		35			40
29. Buchanan County			5						117
30. Cedar Falls-Waterloo	1					10			530
31. Eldora-Union	1	2	2	2		1			155
32. Marshalltown				1		1			217
33. Grinnell									46
34. Ames	2	6		24	1	252			2597
35. Saylorville Reservoir	1		2	35		996			3872
36. Des Moines	2	1		13		56			244
37. Neal Smith NWR				8		223			192
38. SE Webster County									183
39. Boone County				3		12		1	971
40. Jamaica		1		4		10			91
41. Dallas County	2	1		29		279		2	509
42. Sac County									22
43. Carroll County			2	cw		4			147
44. Ida County						7			639
Subtotals	21	12	15	183	2	2383	0	3	12912
SOUTHERN THIRD									
45. Wapello County	1			16					203
46. Red Rock Reservoir	1	1		26		503			440
47. Rathbun Reservoir	1		2	30	1	184			444
48. Lamoni	7	1	14	121		856	4	cw	906
49. Union County		1	4	6		129			237
50. Taylor County				55		231			215
51. Shenandoah	2	2	3	4	1	2455	2		4200
Subtotals	12	5	23	258	2	4358	6	0	6645
TOTALS	84	36	97	1199	28	11249	9	5	56580

Ce Wa	Ye Ru Wa	Am Tr Sp	Sa Sp	Fo Sp	So Sp	Sw Sp	Wh Th Sp	Ha Sp	Wh Cr Sp	Da Ey Ju	La Lo	Sn Bu	No Ca	Re Wi Bl
62		66								607	10	30	113	
40	1	22					1			351		1	97	
6		36			7	1	7		2	570		15	251	
52	13	314	1	1	21		3			862	31	104	229	6
38	4	317			20		14		1	667	13	92	318	10
95	6	672			26	15	1			1144	31	10	303	4
9		395	1		67	5	71		5	819		2	503	20
33	9	215			12	1	13		13	391	7	4	200	1
23	1	1010	1		19	1	9		2	671	155	60	225	76
46	7	922		1	49	4	99		8	1301	34	372	386	27
181	3	333	1		18	6	38		5	417		61	244	1
289	1	238		4	34	4	41		3	551	450		157	15
874	45	4540	4	6	273	38	297	0	39	8351	731	751	3026	160
38		192						2		301	62	24	51	3
29		503			1			5	1	402			60	2
80	2	571		1	13		4	44	1	986		18	186	
130	2	1179			34	6	7	74		991	131		244	6
277	4	2445	0	1	48	6	11	125	2	2680	193	42	541	11
27	6	31			2				1	306			90	
		109			3					402	35	309	93	1
										109	7	526	8	
37		51					2	2		488	58	371	131	
20		19						5		177	4	38	44	5
		27						2		134	19	291	71	4
209	2	240						5		611	262	441	31	8
293	8	477	0	0	5	0	2	14	1	2227	385	1976	468	18
64		356							1	839		90	231	
20		22					3		1	577		40	185	7
44		363		1	8		9			1064	6	36	371	6
49		844			6		29		1	962	18	88	331	
35		225			14		6		4	75		15	35	1
		5								102		11	20	
86		489			2		3			1021		87	294	65
51		29			3		1	2		268		31	42	
		1								353			49	
		6					1			182			20	
193		578			10		29	2		1288	27	33	304	
646	8	1069			22	8	26	5	3	1586	36	225	407	26
35		33		1	12	1	10	7		238			127	
		96			2					174	120		36	33
15		62			3				1	172		36	25	
29		285	1	1	9			11		1214	486	6	235	88
225		368			3	1	4	4		575			36	2
27	2	263		2	7		1	4	6	379	17	15	138	6
										18			15	207
60		22			2		2	1		174	120	20	63	110
		7								234	20	61	24	5
1579	10	5123	1	5	103	10	124	36	17	11495	850	794	2988	556
10		1			10					88			62	
2	1	434		1	8	2	5	5	1	663	48	347	165	
568	5	953			2	1	13	2	4	626			232	
344	cw	425		cw	45	9	70	4	cw	783	441	1	174	3
123	1	367			2			4		353	1542		44	
256	6	683			8			9	7	714	14		121	140
		1082		2	17	2	14	21	16	397	63		132	160
1303	13	3945	0	3	92	14	102	45	28	3624	2108	348	930	303
4326	80	16530	5	15	521	68	536	220	87	28377	4267	3911	7953	1048

Table 2e. Christmas Bird Count Data, 2010–2011

Location	Ea Me	We Me	me sp	Ru Bl	Br Bl	Co Gr	Br He Co	Pu Fi	Ho Fi	Co Re	Pi Si	Am Go	Ho Sp	Eu Tr Sp
MISSISSIPPI RIVER														
1. Yellow River Forest								1	22		6	74	452	
2. SE Clayton County								2	14	1		59	292	
3. Dubuque								15	35			156	274	
4. Green Island			5			2	1	48	11			56	1156	
5. Clinton		1				73	7	9	55		5	95	861	
6. Princeton	9	4					1	7	96		5	53	884	27
7. Davenport						8	187	6	69		27	126	1169	7
8. Andalusia	1						5	54	89		47	71	531	92
9. Muscatine	2					3		16	51		5	108	1132	219
10. West Mercer County	32							16	19		2	84	565	721
11. Burlington			2			3	2	9	84		50	53	370	399
12. Keokuk					4	2		30	9			78	240	66
Subtotals	44	5	7	0	4	91	203	213	554	1	147	1013	7926	1531
MISSOURI RIVER														
13. Westfield			5			1			14		cw	247	168	
14. Sioux City			9			9		3	48		2	39	289	
15. De Soto NWR			22			1		10	13			105	353	
16. Omaha			8		cw	cw	2	4	21		4	165	267	
Subtotals	0	0	44	0	0	11	2	17	96	0	6	556	1077	0
NORTHERN THIRD														
17. Decorah				1				14	116		15	98	223	
18. Bremer County			3			1		4	93	1	31	76	566	
19. Worth County									68		1	63	342	
20. Mason City						6	2	11	46		29	59	561	
21. Spirit Lake			1			3	3	12	120	2	4	205	846	
22. Humboldt County									2		3	10	125	
23. Cherokee			4	9		1	2	50	54		5	128	518	
Subtotals	0	0	8	10	0	11	7	91	499	3	88	639	3181	0
MIDDLE THIRD														
24. Lost Nation			6	8				3	50			36	1098	
25. North Linn								16	12			8	469	
26. Cedar Rapids			13					1	99		9	93	1105	
27. Iowa City								15	75			105	572	1
28. Amana									15			45	100	40
29. Buchanan County											2	1	141	
30. Cedar Falls-Waterloo			11			2		2	91		5	84	849	
31. Eldora-Union			6	2					1		9	11	153	
32. Marshalltown						1			15			12	244	
33. Grinnell									6			23	14	
34. Ames			2	1			1	2	169		105	121	802	
35. Saylorville Reservoir			4	1	1	4	3	40	22		5	99	325	
36. Des Moines								16	37		34	137	323	
37. Neal Smith NWR			12				1	3	14			14	309	
38. SE Webster County			1					1	3		1	32	169	
39. Boone County			1		cw	6	1	51	36		28	172	625	
40. Jamaica			2	1				10	10			67	46	
41. Dallas County			4	16		13	2	9	108	2	4	246	364	
42. Sac County											2	7	6	
43. Carroll County						1		36	59		18	47	109	
44. Ida County									37		6	17	665	
Subtotals	0	0	62	29	1	27	8	205	859	2	228	1377	8488	41
SOUTHERN THIRD														
45. Wapello County			1			6		19	12			54	21	
46. Red Rock Reservoir			8					3	19			92	325	
47. Rathbun Reservoir			33		1			35	49		1	102	485	
48. Lamoni	2	33		1		2	3	54	10		2	157	404	
49. Union County			35	45				16	2			57	117	
50. Taylor County								2	25			83	20	
51. Shenandoah		5	5	16	1	2	4		28		8	27	793	
Subtotals	2	38	82	62	2	10	7	129	145	0	11	572	2165	0
TOTALS	46	43	203	101	7	150	227	655	2153	6	480	4157	22837	1572

Table 3. Species reported on three or fewer Christmas Bird Counts, 2010–2011

Species	Counts
Ross's Goose	Cedar Falls-Waterloo (1), Red Rock (1), Union County (1)
Mute Swan	Western Mercer County (2), Burlington (1), Red Rock (1)
swan sp.	Decorah (5)
Blue-winged Teal	Omaha (1)
White-winged Scoter	Sioux City (1)
Long-tailed Duck	Keokuk (1), Red Rock (2)
Bufflehead	Princeton (2), Andalusia (1), Keokuk (1)
Red-breasted Merganser	Davenport (1), Keokuk (1), Red Rock (1)
duck sp.	Omaha (5)
Ruffed Grouse	Decorah (1)
Common Loon	Wapello County (1)
Double-crested Cormorant	Davenport (4), Muscatine (2), Des Moines (1)
buteo sp.	DeSoto NWR (1), Neal Smith NWR (1)
Prairie Falcon	DeSoto NWR (cw)
Lesser Black-backed Gull	Davenport (1), Keokuk (1)
Glaucous Gull	Muscatine (1), Des Moines (1), Red Rock (1)
White-winged Dove	Shenandoah (2)
N. Saw-whet Owl	DeSoto NWR (1), Saylorville (1)
shrike sp.	North Linn (1), Taylor County (1)
Ruby-crowned Kinglet	Clinton (1), Omaha (2), Rathbun (1)
Varied Thrush	Mason City (1)
Gray Catbird	Cedar Rapids (1), Red Rock (1)
Spotted Towhee	DeSoto NWR (1), Omaha (1)
Eastern Towhee	Westfield (1), DeSoto NWR (1), Lamoni (2)
Chipping Sparrow	Sioux City (1), Mason City (1)
Clay-colored Sparrow	Omaha (2)
Field Sparrow	Burlington (3)
Lincoln's Sparrow	Burlington (1), Omaha (2), Lamoni (1)
sparrow sp.	Neal Smith NWR (4)
Yellow-headed Blackbird	Shenandoah (1)
Great-tailed Grackle	Omaha (cw)
White-winged Crossbill	Ames (1)
Evening Grosbeak	Andalusia (2)

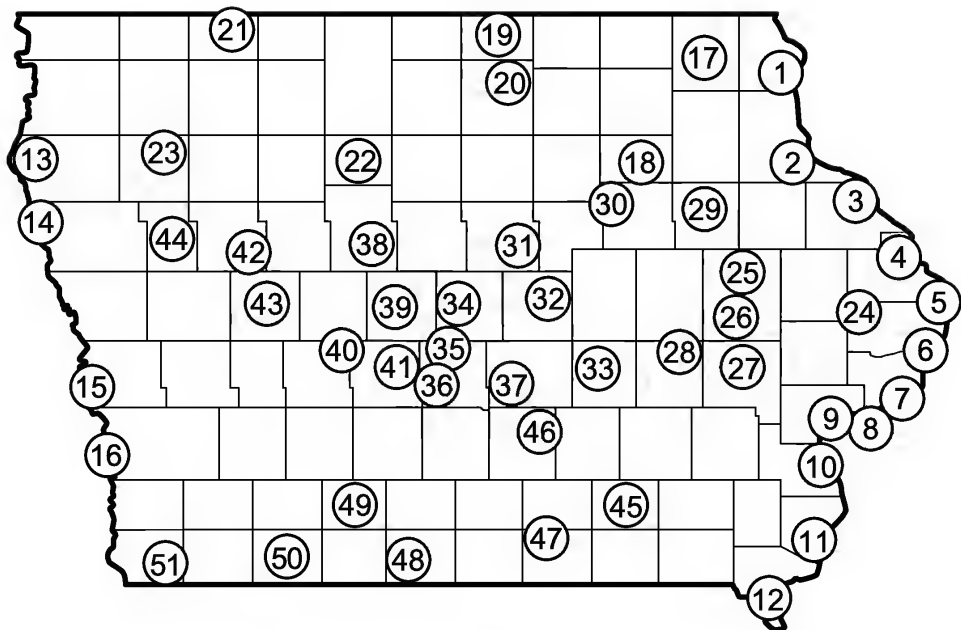


Figure 1. Christmas bird counts in Iowa, 2010–2011 (see Tables 2 and 3).

Official Checklist of Iowa Birds (2010)

Ann M. Johnson

The publication of this edition of the Iowa list comes five years after the last (2005) and incorporates several changes in English and scientific nomenclature as well as changes from the latest American Ornithologists' Union (AOU) checklist, the authoritative source on the taxonomy of North American birds. There are a few changes in the taxonomic order as well as some new families and genera. This list incorporates changes made in the 47th, 48th, 49th, 50th, and 51st Supplements to the 1998 AOU Checklist, as published in *Auk* 123: 926–936 (2006); 124:1109–1115 (2007); 125:758–768 (2008); 126:705–714 (2009); and 127:726–744 (2010).

This Iowa list includes all records through December 2010. There are 424 species on the list, up from 413 in 2005 (*IBL* 76:163–176), 401 in 1998 (*IBL* 68:73–84), 397 in 1995 (*IBL* 66:76–85), 384 in 1991 (*IBL* 61:101–109), 371 in 1986 (*IBL* 56:46–55), and 361 in 1982 (*IBL* 52:67–76). Species added since 2005 are Fulvous Whistling-Duck, Mottled Duck, Black-tailed Gull, Anna's Hummingbird, Red-breasted Sapsucker, Fork-tailed Flycatcher, Violet-green Swallow, Cave Swallow, Pacific Wren, Scott's Oriole, and Brambling.

The categories for status, nesting, and type of record are given below, with the number of species in each category in parentheses. The status of species seen in 3, 4, or 8 of the last 10 years is determined by majority vote of the Records Committee.

Regular = seen every year or nearly every year, at least 8 of last 10 years (308 species)

Casual = seen many years but not all, at least 3, and less than 9, of last 10 years (27 species)

Accidental = seen once to several times, but less than 4 of last 10 years (85 species)

Extirpated = once regular or casual, but not seen in 50 years (2 species)

Extinct = no longer seen anywhere (2 species)

N = definite evidence of having nested in the state (206 species)

N? = probable evidence of nesting in the state (2 species)

S = existing specimen (312 species)

P = photograph published or on file (96 species)

R = recording on file (1 species)

D = written description or published report on file (15 species)

Changes in the Iowa list since the last edition that resulted from changes in the AOU Check-list are given below.

Changes in English names:

Bean Goose becomes Taiga Bean-Goose

Whip-poor-will becomes Eastern Whip-poor-will
Green Violet-ear becomes Green Violetear
Nelson's Sharp-tailed Sparrow becomes Nelson's Sparrow

Changes in scientific names:

Bonaparte's Gull (*Larus philadelphia*) becomes (*Chroicocephalus philadelphia*)
Black-headed Gull (*Larus ridibundus*) becomes (*Chroicocephalus ridibundus*)
Little Gull (*Larus minutus*) becomes (*Hydrocoloeus minutus*)
Laughing Gull (*Larus atricilla*) becomes (*Leucophaeus atricilla*)
Franklin's Gull (*Larus pipixcan*) becomes (*Leucophaeus pipixcan*)
Belted Kingfisher (*Ceryle alcyon*) becomes (*Megaceryle alcyon*)
Blue-winged Warbler (*Vermivora pinus*) becomes (*Vermivora cyanoptera*)
Tennessee Warbler (*Vermivora peregrina*) becomes (*Oreothlypis peregrina*)
Orange-crowned Warbler (*Vermivora celata*) becomes (*Oreothlypis celata*)
Nashville Warbler (*Vermivora ruficapilla*) becomes (*Oreothlypis ruficapilla*)
Northern Waterthrush (*Seiurus noveboracensis*) becomes (*Parkesia noveboracensis*)
Louisiana Waterthrush (*Seiurus motacilla*) becomes (*Parkesia motacilla*)
Common Redpoll (*Carduelis flammea*) becomes (*Acanthis flammea*)
Hoary Redpoll (*Carduelis hornemanni*) becomes (*Acanthis hornemanni*)
Pine Siskin (*Carduelis pinus*) becomes (*Spinus pinus*)
Lesser Goldfinch (*Carduelis psaltria*) becomes (*Spinus psaltria*)
American Goldfinch (*Carduelis tristis*) becomes (*Spinus tristis*)

New orders:

ACCIPITRIFORMES (non-falcon hawks split from falcons)
SULIFORMES (cormorants, frigatebird, and anhinga split from pelicans)

Changes in placement of families:

Cathartidae (vultures) moves from *Ciconiiformes* (storks) back to *Falconiformes* (hawks and falcons)

Ardeidae (herons) and *Threskiornithidae* (ibises and spoonbills) move from *Ciconiiformes* (storks) to *Pelecaniformes* (pelicans)

New families:

Pandionidae (Osprey split from hawks)
Calcariidae (longspurs and Snow Bunting split from emberizids)

Change in placement of genus:

Piranga (tanagers) moves from *Thraupidae* (tanager family) to *Cardinalidae* (cardinal family)

Addition to the Iowa list as a result of splits in the AOU checklist and Records Committee decision:

Pacific Wren (*Troglodytes pacificus*) split from Winter Wren (*Troglodytes troglodytes*)

Changes in the Iowa list as a result of splits in the AOU checklist:

Black Scoter (*Melanitta americana*) split from Old World Black Scoter (*Melanitta nigra*)

Winter Wren becomes (*Troglodytes hiemalis*) split from (*Troglodytes troglodytes*)

Changes in the Iowa list that are the result of new information and Records Committee decisions are summarized as follows:

Species added (Accidental): Fulvous Whistling-Duck, Mottled Duck, Black-tailed Gull, Anna's Hummingbird, Red-breasted Sapsucker, Fork-tailed Flycatcher, Violet-green Swallow, Cave Swallow, Pacific Wren (old record reviewed as a result of the above-referenced split in the AOU checklist), Scott's Oriole, and Brambling.

Casual to Regular: Ferruginous Hawk, Whimbrel, Red Knot, Black-headed Gull, White-winged Dove, Scissor-tailed Flycatcher

Accidental to Casual: Black-bellied Whistling-Duck, Barrow's Goldeneye, Neotropic Cormorant, Brown Pelican, Tricolored Heron, Black Vulture, Gyrfalcon, Little Gull, Sprague's Pipit

Casual to Accidental: Rufous Hummingbird, Evening Grosbeak

Probable Nesting to Nesting: American White Pelican, Red Crossbill

New to Nesting: Osprey, Herring Gull, White-winged Dove, Alder Flycatcher

Photograph to Specimen: Cackling Goose

Photograph, new species: Fulvous Whistling-Duck, Mottled Duck, Black-tailed Gull, Anna's Hummingbird, Red-breasted Sapsucker, Fork-tailed Flycatcher, Violet-green Swallow, Scott's Oriole, and Brambling

Documentation to Photograph: Wood Stork, Painted Bunting

Documentation, new species: Cave Swallow, Pacific Wren

Official Checklist of Iowa Birds

2010 Edition

N = Nesting, N? = Possible nesting, S = Specimen, P = Photograph, R = Recording, D = Documentation

Order ANSERIFORMES

Ducks, Geese, and Swans, Anatidae			
Black-bellied Whistling-Duck	<i>Dendrocygna autumnalis</i>	Casual	S
Fulvous Whistling-Duck	<i>Dendrocygna bicolor</i>	Accidental	P
Taiga Bean-Goose	<i>Anser fabalis</i>	Accidental	P
Greater White-fronted Goose	<i>Anser albifrons</i>	Regular	S
Snow Goose	<i>Chen caerulescens</i>	Regular	S
Ross's Goose	<i>Chen rossii</i>	Regular	S
Brant	<i>Branta bernicla</i>	Casual	S
Cackling Goose	<i>Branta hutchinsii</i>	Regular	S
Canada Goose	<i>Branta canadensis</i>	Regular	N S
Mute Swan	<i>Cygnus olor</i>	Regular	P
Trumpeter Swan	<i>Cygnus buccinator</i>	Regular	N S
Tundra Swan	<i>Cygnus columbianus</i>	Regular	S
Wood Duck	<i>Aix sponsa</i>	Regular	N S
Gadwall	<i>Anas strepera</i>	Regular	N S
Eurasian Wigeon	<i>Anas penelope</i>	Accidental	S
American Wigeon	<i>Anas americana</i>	Regular	N S
American Black Duck	<i>Anas rubripes</i>	Regular	N S
Mallard	<i>Anas platyrhynchos</i>	Regular	N S
Mottled Duck	<i>Anas fulvigula</i>	Accidental	P
Blue-winged Teal	<i>Anas discors</i>	Regular	N S
Cinnamon Teal	<i>Anas cyanoptera</i>	Regular	P
Northern Shoveler	<i>Anas clypeata</i>	Regular	N S
Northern Pintail	<i>Anas acuta</i>	Regular	N S
Garganey	<i>Anas querquedula</i>	Accidental	P
Green-winged Teal	<i>Anas crecca</i>	Regular	N S
Canvasback	<i>Aythya valisineria</i>	Regular	N S
Redhead	<i>Aythya americana</i>	Regular	N S
Ring-necked Duck	<i>Aythya collaris</i>	Regular	N S
Greater Scaup	<i>Aythya marila</i>	Regular	S
Lesser Scaup	<i>Aythya affinis</i>	Regular	N S
King Eider	<i>Somateria spectabilis</i>	Accidental	S
Common Eider	<i>Somateria mollissima</i>	Accidental	P
Harlequin Duck	<i>Histrionicus histrionicus</i>	Accidental	S
Surf Scoter	<i>Melanitta perspicillata</i>	Regular	S
White-winged Scoter	<i>Melanitta fusca</i>	Regular	S
Black Scoter	<i>Melanitta americana</i>	Regular	S
Long-tailed Duck	<i>Clangula hyemalis</i>	Regular	S
Bufflehead	<i>Bucephala albeola</i>	Regular	N S
Common Goldeneye	<i>Bucephala clangula</i>	Regular	S
Barrow's Goldeneye	<i>Bucephala islandica</i>	Casual	P
Hooded Merganser	<i>Lophodytes cucullatus</i>	Regular	N S
Common Merganser	<i>Mergus merganser</i>	Regular	S
Red-breasted Merganser	<i>Mergus serrator</i>	Regular	S
Ruddy Duck	<i>Oxyura jamaicensis</i>	Regular	N S

Order GALLIFORMES

New World Quail: Odontophoridae			
Northern Bobwhite	<i>Colinus virginianus</i>	Regular	N S
Partridges, Grouse, Turkeys, and Old World Quail, Phasianidae			
Gray Partridge	<i>Perdix perdix</i>	Regular	N S
Ring-necked Pheasant	<i>Phasianus colchicus</i>	Regular	N S
Ruffed Grouse	<i>Bonasa umbellus</i>	Regular	N S
Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>	Extirpated	S
Greater Prairie-Chicken	<i>Tympanuchus cupido</i>	Regular	N S
Wild Turkey	<i>Meleagris gallopavo</i>	Regular	N S

Order GAVIIFORMES					
Loons, Gaviidae					
Red-throated Loon	<i>Gavia stellata</i>	Regular			P
Pacific Loon	<i>Gavia pacifica</i>	Regular			S
Common Loon	<i>Gavia immer</i>	Regular	N		S
Yellow-billed Loon	<i>Gavia adamsii</i>	Accidental			P
Order PODICIPEDIFORMES					
Grebes, Podicipedidae					
Pied-billed Grebe	<i>Podilymbus podiceps</i>	Regular	N		S
Horned Grebe	<i>Podiceps auritus</i>	Regular			S
Red-necked Grebe	<i>Podiceps grisegena</i>	Regular	N		S
Eared Grebe	<i>Podiceps nigricollis</i>	Regular	N		S
Western Grebe	<i>Aechmophorus occidentalis</i>	Regular	N		S
Clark's Grebe	<i>Aechmophorus clarkii</i>	Casual			P
Order CICONIIFORMES					
Storks, Ciconiidae					
Wood Stork	<i>Mycteria americana</i>	Accidental			P
Order SULIFORMES					
Frigatebirds, Fregatidae					
Magnificent Frigatebird	<i>Fregata magnificens</i>	Accidental			P
Cormorants, Phalacrocoracidae					
Neotropic Cormorant	<i>Phalacrocorax brasilianus</i>	Casual			P
Double-crested Cormorant	<i>Phalacrocorax auritus</i>	Regular	N		S
Darters, Anhingidae					
Anhinga	<i>Anhinga anhinga</i>	Accidental			D
Order PELECANIFORMES					
Pelicans, Pelecanidae					
American White Pelican	<i>Pelecanus erythrorhynchos</i>	Regular	N		S
Brown Pelican	<i>Pelecanus occidentalis</i>	Casual			P
Hérons, Bitterns and Allies, Ardeidae					
American Bittern	<i>Botaurus lentiginosus</i>	Regular	N		S
Least Bittern	<i>Ixobrychus exilis</i>	Regular	N		S
Great Blue Heron	<i>Ardea herodias</i>	Regular	N		S
Great Egret	<i>Ardea alba</i>	Regular	N		S
Snowy Egret	<i>Egretta thula</i>	Regular			S
Little Blue Heron	<i>Egretta caerulea</i>	Regular	N?		P
Tricolored Heron	<i>Egretta tricolor</i>	Casual			P
Reddish Egret	<i>Egretta rufescens</i>	Accidental			P
Cattle Egret	<i>Bubulcus ibis</i>	Regular	N		S
Green Heron	<i>Butorides virescens</i>	Regular	N		S
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>	Regular	N		S
Yellow-crowned Night-Heron	<i>Nyctanassa violacea</i>	Regular	N		S
Ibises and Spoonbills, Threskiornithidae					
White Ibis	<i>Eudocimus albus</i>	Accidental			P
Glossy Ibis	<i>Plegadis falcinellus</i>	Accidental			P
White-faced Ibis	<i>Plegadis chihi</i>	Regular	N		S
Roseate Spoonbill	<i>Platalea ajaja</i>	Accidental			P
Order ACCIPITRIFORMES					
New World Vultures, Cathartidae					
Black Vulture	<i>Coragyps atratus</i>	Casual			S
Turkey Vulture	<i>Cathartes aura</i>	Regular	N		S
Ospreys, Pandionidae					
Osprey	<i>Pandion haliaetus</i>	Regular	N		S
Hawks, Kites, Eagles, and Allies, Accipitridae					
Swallow-tailed Kite	<i>Elanoides forficatus</i>	Accidental	N		S
Mississippi Kite	<i>Ictinia mississippiensis</i>	Regular	N		P
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Regular	N		S
Northern Harrier	<i>Circus cyaneus</i>	Regular	N		S
Sharp-shinned Hawk	<i>Accipiter striatus</i>	Regular	N		S
Cooper's Hawk	<i>Accipiter cooperii</i>	Regular	N		S
Northern Goshawk	<i>Accipiter gentilis</i>	Regular			S
Red-shouldered Hawk	<i>Buteo lineatus</i>	Regular	N		S
Broad-winged Hawk	<i>Buteo platypterus</i>	Regular	N		S
Swainson's Hawk	<i>Buteo swainsoni</i>	Regular	N		S
Red-tailed Hawk	<i>Buteo jamaicensis</i>	Regular	N		S
Ferruginous Hawk	<i>Buteo regalis</i>	Regular			P
Rough-legged Hawk	<i>Buteo lagopus</i>	Regular			S
Golden Eagle	<i>Aquila chrysaetos</i>	Regular			S

Order FALCONIFORMES

Caracaras and Falcons, Falconidae

Crested Caracara	<i>Caracara cheriway</i>	Accidental		P
American Kestrel	<i>Falco sparverius</i>	Regular	N	S
Merlin	<i>Falco columbarius</i>	Regular	N	S
Gyr Falcon	<i>Falco rusticolus</i>	Casual		P
Peregrine Falcon	<i>Falco peregrinus</i>	Regular	N	S
Prairie Falcon	<i>Falco mexicanus</i>	Regular		S

Order GRUIFORMES

Rails, Gallinules, and Coots, Rallidae

Yellow Rail	<i>Coturnicops noveboracensis</i>	Regular		S
Black Rail	<i>Laterallus jamaicensis</i>	Accidental		D
King Rail	<i>Rallus elegans</i>	Casual	N	S
Virginia Rail	<i>Rallus limicola</i>	Regular	N	S
Sora	<i>Porzana carolina</i>	Regular	N	S
Purple Gallinule	<i>Porphyrio martinica</i>	Accidental		S
Common Moorhen	<i>Gallinula chloropus</i>	Regular	N	S
American Coot	<i>Fulica americana</i>	Regular	N	S

Cranes, Gruidae

Sandhill Crane	<i>Grus canadensis</i>	Regular	N	S
Whooping Crane	<i>Grus americana</i>	Accidental	N	S

Order CHARADRIIFORMES

Lapwings and Plovers, Charadriidae

Black-bellied Plover	<i>Pluvialis squatarola</i>	Regular		S
American Golden-Plover	<i>Pluvialis dominica</i>	Regular		S
Snowy Plover	<i>Charadrius alexandrinus</i>	Casual		P
Semipalmated Plover	<i>Charadrius semipalmatus</i>	Regular		S
Piping Plover	<i>Charadrius melodus</i>	Regular	N	S
Killdeer	<i>Charadrius vociferus</i>	Regular	N	S

Stilts and Avocets, Recurvirostridae

Black-necked Stilt	<i>Himantopus mexicanus</i>	Regular		P
American Avocet	<i>Recurvirostra americana</i>	Regular		S

Sandpipers, Phalaropes, and Allies, Scolopacidae

Spotted Sandpiper	<i>Actitis macularius</i>	Regular	N	S
Solitary Sandpiper	<i>Tringa solitaria</i>	Regular		S
Greater Yellowlegs	<i>Tringa melanoleuca</i>	Regular		S
Willet	<i>Tringa semipalmatus</i>	Regular		S
Lesser Yellowlegs	<i>Tringa flavipes</i>	Regular		S
Upland Sandpiper	<i>Bartramia longicauda</i>	Regular	N	S
Eskimo Curlew	<i>Numenius borealis</i>	Extirpated		S
Whimbrel	<i>Numenius phaeopus</i>	Regular		P
Long-billed Curlew	<i>Numenius americanus</i>	Accidental	N	S
Hudsonian Godwit	<i>Limosa haemastica</i>	Regular		S
Marbled Godwit	<i>Limosa fedoa</i>	Regular	N	S
Ruddy Turnstone	<i>Arenaria interpres</i>	Regular		S
Red Knot	<i>Calidris canutus</i>	Regular		S
Sanderling	<i>Calidris alba</i>	Regular		S
Semipalmated Sandpiper	<i>Calidris pusilla</i>	Regular		S
Western Sandpiper	<i>Calidris mauri</i>	Regular		S
Least Sandpiper	<i>Calidris minutilla</i>	Regular		S
White-rumped Sandpiper	<i>Calidris fuscicollis</i>	Regular		S
Baird's Sandpiper	<i>Calidris bairdii</i>	Regular		S
Pectoral Sandpiper	<i>Calidris melanotos</i>	Regular		S
Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	Accidental		P
Dunlin	<i>Calidris alpina</i>	Regular		S
Curlew Sandpiper	<i>Calidris ferruginea</i>	Accidental		P
Stilt Sandpiper	<i>Calidris himantopus</i>	Regular		S
Buff-breasted Sandpiper	<i>Tryngites subruficollis</i>	Regular		S
Ruff	<i>Philomachus pugnax</i>	Casual		S
Short-billed Dowitcher	<i>Limnodromus griseus</i>	Regular		S
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	Regular		S
Wilson's Snipe	<i>Gallinago delicata</i>	Regular	N	S
American Woodcock	<i>Scolopax minor</i>	Regular	N	S
Wilson's Phalarope	<i>Phalaropus tricolor</i>	Regular	N	S
Red-necked Phalarope	<i>Phalaropus lobatus</i>	Regular		S
Red Phalarope	<i>Phalaropus fulicarius</i>	Casual		P

Gulls, Terns, and Skimmers, Laridae				
Black-legged Kittiwake	<i>Rissa tridactyla</i>	Casual		P
Ivory Gull	<i>Pagophila eburnea</i>	Accidental		P
Sabine's Gull	<i>Xema sabini</i>	Regular		S
Bonaparte's Gull	<i>Chroicocephalus philadelphia</i>	Regular		S
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	Regular	N?	P
Little Gull	<i>Hydrocoloeus minutus</i>	Casual		P
Ross's Gull	<i>Rhodostethia rosea</i>	Accidental		P
Laughing Gull	<i>Leucophaeus atricilla</i>	Casual		P
Franklin's Gull	<i>Leucophaeus pipixcan</i>	Regular	N	S
Black-tailed Gull	<i>Larus crassirostris</i>	Accidental		P
Mew Gull	<i>Larus canus</i>	Casual		P
Ring-billed Gull	<i>Larus delawarensis</i>	Regular	N	S
California Gull	<i>Larus californicus</i>	Casual		P
Herring Gull	<i>Larus argentatus</i>	Regular	N	S
Thayer's Gull	<i>Larus thayeri</i>	Regular		P
Iceland Gull	<i>Larus glaucoides</i>	Casual		P
Lesser Black-backed Gull	<i>Larus fuscus</i>	Regular		P
Slaty-backed Gull	<i>Larus schistisagus</i>	Accidental		P
Glaucous Gull	<i>Larus hyperboreus</i>	Regular		P
Great Black-backed Gull	<i>Larus marinus</i>	Casual		P
Least Tern	<i>Sternula antillarum</i>	Regular	N	S
Caspian Tern	<i>Hydroprogne caspia</i>	Regular		S
Black Tern	<i>Chlidonias niger</i>	Regular	N	S
Common Tern	<i>Sterna hirundo</i>	Regular		S
Arctic Tern	<i>Sterna paradisaea</i>	Accidental		P
Forster's Tern	<i>Sterna forsteri</i>	Regular	N	S
Royal Tern	<i>Thalasseus maximus</i>	Accidental		P
Jaegers and Skuas, Stercorariidae				
Pomarine Jaeger	<i>Stercorarius pomarinus</i>	Accidental		P
Parasitic Jaeger	<i>Stercorarius parasiticus</i>	Accidental		S
Long-tailed Jaeger	<i>Stercorarius longicaudus</i>	Accidental		S
Auks, Murres, and Puffins, Alcidae				
Thick-billed Murre	<i>Uria lomvia</i>	Accidental		D
Long-billed Murrelet	<i>Brachyramphus perdix</i>	Accidental		D
Ancient Murrelet	<i>Synthliboramphus antiquus</i>	Accidental		D
Order COLUMBIFORMES				
Pigeons and Doves, Columbidae				
Rock Pigeon	<i>Columba livia</i>	Regular	N	S
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	Regular	N	S
White-winged Dove	<i>Zenaida asiatica</i>	Regular	N	P
Mourning Dove	<i>Zenaida macroura</i>	Regular	N	S
Passenger Pigeon	<i>Ectopistes migratorius</i>	Extinct	N	S
Common Ground-Dove	<i>Columbina passerina</i>	Accidental		P
Order PSITTACIFORMES				
Lories, Parakeets, Macaws, and Parrots, Psittacidae				
Carolina Parakeet	<i>Conuropsis carolinensis</i>	Extinct		D
Order CUCULIFORMES				
Cuckoos, Roadrunners, and Anis, Cuculidae				
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	Regular	N	S
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	Regular	N	S
Groove-billed Ani	<i>Crotophaga sulcirostris</i>	Accidental		P
Order STRIGIFORMES				
Barn Owls, Tytonidae				
Barn Owl	<i>Tyto alba</i>	Regular	N	S
Typical Owls, Strigidae				
Eastern Screech-Owl	<i>Megascops asio</i>	Regular	N	S
Great Horned Owl	<i>Bubo virginianus</i>	Regular	N	S
Snowy Owl	<i>Bubo scandiacus</i>	Regular		S
Northern Hawk Owl	<i>Surnia ulula</i>	Accidental		P
Burrowing Owl	<i>Athene cunicularia</i>	Casual	N	S
Barred Owl	<i>Strix varia</i>	Regular	N	S
Great Gray Owl	<i>Strix nebulosa</i>	Accidental		S
Long-eared Owl	<i>Asio otus</i>	Regular	N	S
Short-eared Owl	<i>Asio flammeus</i>	Regular	N	S
Boreal Owl	<i>Aegolius funereus</i>	Accidental		P
Northern Saw-whet Owl	<i>Aegolius acadicus</i>	Regular		S

Order CAPRIMULGIFORMES			
Goatsuckers, Caprimulgidae			
Common Nighthawk	<i>Chordeiles minor</i>	Regular	N S
Chuck-will's-widow	<i>Caprimulgus carolinensis</i>	Regular	N P
Eastern Whip-poor-will	<i>Caprimulgus vociferus</i>	Regular	N S
Order APODIFORMES			
Swifts, Apodidae			
Chimney Swift	<i>Chaetura pelagica</i>	Regular	N S
Hummingbirds, Trochilidae			
Green Violetear	<i>Colibri thalassinus</i>	Accidental	P
Ruby-throated Hummingbird	<i>Archilochus colubris</i>	Regular	N S
Anna's Hummingbird	<i>Calypte anna</i>	Accidental	P
Rufous Hummingbird	<i>Selasphorus rufus</i>	Accidental	S
Order CORACIIFORMES			
Kingfishers, Alcedinidae			
Belted Kingfisher	<i>Megaceryle alcyon</i>	Regular	N S
Order PICIFORMES			
Woodpeckers and Allies, Picidae			
Lewis's Woodpecker	<i>Melanerpes lewis</i>	Accidental	P
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	Regular	N S
Acorn Woodpecker	<i>Melanerpes formicivorus</i>	Accidental	P
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>	Regular	N S
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	Regular	N S
Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>	Accidental	P
Downy Woodpecker	<i>Picoides pubescens</i>	Regular	N S
Hairy Woodpecker	<i>Picoides villosus</i>	Regular	N S
Black-backed Woodpecker	<i>Picoides arcticus</i>	Accidental	P
Northern Flicker	<i>Colaptes auratus</i>	Regular	N S
Pileated Woodpecker	<i>Dryocopus pileatus</i>	Regular	N S
Order PASSERIFORMES			
Tyrant Flycatchers, Tyrannidae			
Olive-sided Flycatcher	<i>Contopus cooperi</i>	Regular	S
Western Wood-Pewee	<i>Contopus sordidulus</i>	Accidental	D
Eastern Wood-Pewee	<i>Contopus virens</i>	Regular	N S
Yellow-bellied Flycatcher	<i>Empidonax flaviventris</i>	Regular	S
Acadian Flycatcher	<i>Empidonax virescens</i>	Regular	N S
Alder Flycatcher	<i>Empidonax alnorum</i>	Regular	N R
Willow Flycatcher	<i>Empidonax traillii</i>	Regular	N S
Least Flycatcher	<i>Empidonax minimus</i>	Regular	N S
"Western" Flycatcher	<i>Empidonax difficilis/occidentalis</i>	Accidental	P
Eastern Phoebe	<i>Sayornis phoebe</i>	Regular	N S
Say's Phoebe	<i>Sayornis saya</i>	Accidental	N P
Vermilion Flycatcher	<i>Pyrocephalus rubinus</i>	Accidental	P
Great Crested Flycatcher	<i>Myiarchus crinitus</i>	Regular	N S
Western Kingbird	<i>Tyrannus verticalis</i>	Regular	N S
Eastern Kingbird	<i>Tyrannus tyrannus</i>	Regular	N S
Scissor-tailed Flycatcher	<i>Tyrannus forficatus</i>	Regular	N S
Fork-tailed Flycatcher	<i>Tyrannus savana</i>	Accidental	P
Shrikes, Laniidae			
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Regular	N S
Northern Shrike	<i>Lanius excubitor</i>	Regular	S
Vireos, Vireonidae			
White-eyed Vireo	<i>Vireo griseus</i>	Regular	N P
Bell's Vireo	<i>Vireo bellii</i>	Regular	N S
Yellow-throated Vireo	<i>Vireo flavifrons</i>	Regular	N S
Blue-headed Vireo	<i>Vireo solitarius</i>	Regular	S
Warbling Vireo	<i>Vireo gilvus</i>	Regular	N S
Philadelphia Vireo	<i>Vireo philadelphicus</i>	Regular	S
Red-eyed Vireo	<i>Vireo olivaceus</i>	Regular	N S
Crows and Jays, Corvidae			
Gray Jay	<i>Perisoreus canadensis</i>	Accidental	P
Pinyon Jay	<i>Gymnorhinus cyanocephalus</i>	Accidental	P
Blue Jay	<i>Cyanocitta cristata</i>	Regular	N S
Clark's Nutcracker	<i>Nucifraga columbiana</i>	Accidental	S
Black-billed Magpie	<i>Pica hudsonia</i>	Regular	N S
American Crow	<i>Corvus brachyrhynchos</i>	Regular	N S
Fish Crow	<i>Corvus ossifragus</i>	Accidental	D
Common Raven	<i>Corvus corax</i>	Accidental	S

Larks, Alaudidae				
Horned Lark	<i>Eremophila alpestris</i>	Regular	N	S
Swallows, Hirundinidae				
Purple Martin	<i>Progne subis</i>	Regular	N	S
Tree Swallow	<i>Tachycineta bicolor</i>	Regular	N	S
Violet-green Swallow	<i>Tachycineta thalassina</i>	Accidental		P
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>	Regular	N	S
Bank Swallow	<i>Riparia riparia</i>	Regular	N	S
Cliff Swallow	<i>Petrochelidon pyrrhonota</i>	Regular	N	S
Cave Swallow	<i>Petrochelidon fulva</i>	Accidental		D
Barn Swallow	<i>Hirundo rustica</i>	Regular	N	S
Chickadees and Titmice, Paridae				
Black-capped Chickadee	<i>Poecile atricapilla</i>	Regular	N	S
Boreal Chickadee	<i>Poecile hudsonica</i>	Accidental		P
Tufted Titmouse	<i>Baeolophus bicolor</i>	Regular	N	S
Nuthatches, Sittidae				
Red-breasted Nuthatch	<i>Sitta canadensis</i>	Regular	N	S
White-breasted Nuthatch	<i>Sitta carolinensis</i>	Regular	N	S
Pygmy Nuthatch	<i>Sitta pygmaea</i>	Accidental		P
Creepers, Certhiidae				
Brown Creeper	<i>Certhia americana</i>	Regular	N	S
Wrens, Troglodytidae				
Rock Wren	<i>Salpinctes obsoletus</i>	Accidental	N	P
Carolina Wren	<i>Thryothorus ludovicianus</i>	Regular	N	S
Bewick's Wren	<i>Thryomanes bewickii</i>	Regular	N	S
House Wren	<i>Troglodytes aedon</i>	Regular	N	S
Pacific Wren	<i>Troglodytes pacificus</i>	Accidental		D
Winter Wren	<i>Troglodytes hiemalis</i>	Regular	N	S
Sedge Wren	<i>Cistothorus platensis</i>	Regular	N	S
Marsh Wren	<i>Cistothorus palustris</i>	Regular	N	S
Old World Warblers and Gnatcatchers, Polioptilidae				
Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	Regular	N	S
Kinglets, Regulidae				
Golden-crowned Kinglet	<i>Regulus satrapa</i>	Regular		S
Ruby-crowned Kinglet	<i>Regulus calendula</i>	Regular		S
Thrushes, Turdidae				
Eastern Bluebird	<i>Sialia sialis</i>	Regular	N	S
Mountain Bluebird	<i>Sialia currucoides</i>	Casual		P
Townsend's Solitaire	<i>Myadestes townsendi</i>	Regular		P
Veery	<i>Catharus fuscescens</i>	Regular	N	S
Gray-cheeked Thrush	<i>Catharus minimus</i>	Regular		S
Swainson's Thrush	<i>Catharus ustulatus</i>	Regular		S
Hermit Thrush	<i>Catharus guttatus</i>	Regular		S
Wood Thrush	<i>Hylocichla mustelinus</i>	Regular	N	S
American Robin	<i>Turdus migratorius</i>	Regular	N	S
Varied Thrush	<i>Ixoreus naevius</i>	Regular		S
Mockingbirds and Thrashers, Mimidae				
Gray Catbird	<i>Dumetella carolinensis</i>	Regular	N	S
Northern Mockingbird	<i>Mimus polyglottos</i>	Regular	N	S
Sage Thrasher	<i>Oreoscoptes montanus</i>	Accidental		P
Brown Thrasher	<i>Toxostoma rufum</i>	Regular	N	S
Curve-billed Thrasher	<i>Toxostoma curvirostre</i>	Accidental		P
Starlings, Sturnidae				
European Starling	<i>Sturnus vulgaris</i>	Regular	N	S
Wagtails and Pipits, Motacillidae				
American Pipit	<i>Anthus rubescens</i>	Regular		S
Sprague's Pipit	<i>Anthus spragueii</i>	Casual		D
Waxwings, Bombycillidae				
Bohemian Waxwing	<i>Bombycilla garrulus</i>	Regular		S
Cedar Waxwing	<i>Bombycilla cedrorum</i>	Regular	N	S
Longspurs and Snow Buntings, Calcariidae				
Lapland Longspur	<i>Calcarius lapponicus</i>	Regular		S
Chestnut-collared Longspur	<i>Calcarius ornatus</i>	Accidental		S
Smith's Longspur	<i>Calcarius pictus</i>	Regular		S

Snow Bunting	<i>Plectrophenax nivalis</i>	Regular		S
Wood-Warblers, Parulidae				
Blue-winged Warbler	<i>Vermivora cyanoptera</i>	Regular	N	S
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	Regular	N	S
Tennessee Warbler	<i>Oreothlypis peregrina</i>	Regular		S
Orange-crowned Warbler	<i>Oreothlypis celata</i>	Regular		S
Nashville Warbler	<i>Oreothlypis ruficapilla</i>	Regular		S
Northern Parula	<i>Parula americana</i>	Regular	N	S
Yellow Warbler	<i>Dendroica petechia</i>	Regular	N	S
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	Regular	N	S
Magnolia Warbler	<i>Dendroica magnolia</i>	Regular		S
Cape May Warbler	<i>Dendroica tigrina</i>	Regular		S
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>	Regular		S
Yellow-rumped Warbler	<i>Dendroica coronata</i>	Regular		S
Black-throated Gray Warbler	<i>Dendroica nigrescens</i>	Accidental		D
Black-throated Green Warbler	<i>Dendroica virens</i>	Regular		S
Townsend's Warbler	<i>Dendroica townsendi</i>	Accidental		D
Blackburnian Warbler	<i>Dendroica fusca</i>	Regular		S
Yellow-throated Warbler	<i>Dendroica dominica</i>	Regular	N	P
Pine Warbler	<i>Dendroica pinus</i>	Regular	N	S
Prairie Warbler	<i>Dendroica discolor</i>	Casual	N	P
Palm Warbler	<i>Dendroica palmarum</i>	Regular		S
Bay-breasted Warbler	<i>Dendroica castanea</i>	Regular		S
Blackpoll Warbler	<i>Dendroica striata</i>	Regular		S
Cerulean Warbler	<i>Dendroica cerulea</i>	Regular	N	S
Black-and-white Warbler	<i>Mniotilta varia</i>	Regular	N	S
American Redstart	<i>Setophaga ruticilla</i>	Regular	N	S
Prothonotary Warbler	<i>Protonotaria citrea</i>	Regular	N	S
Worm-eating Warbler	<i>Helminthos vermivorus</i>	Regular	N	P
Ovenbird	<i>Seiurus aurocapilla</i>	Regular	N	S
Northern Waterthrush	<i>Parkesia noveboracensis</i>	Regular		S
Louisiana Waterthrush	<i>Parkesia motacilla</i>	Regular	N	S
Kentucky Warbler	<i>Oporornis formosus</i>	Regular	N	S
Connecticut Warbler	<i>Oporornis agilis</i>	Regular		S
Mourning Warbler	<i>Oporornis philadelphia</i>	Regular		S
MacGillivray's Warbler	<i>Oporornis tolmiei</i>	Accidental		D
Common Yellowthroat	<i>Geothlypis trichas</i>	Regular	N	S
Hooded Warbler	<i>Wilsonia citrina</i>	Regular	N	S
Wilson's Warbler	<i>Wilsonia pusilla</i>	Regular		S
Canada Warbler	<i>Wilsonia canadensis</i>	Regular		S
Yellow-breasted Chat	<i>Icteria virens</i>	Regular	N	S
Sparrows, Towhees and Juncos, Emberizidae				
Green-tailed Towhee	<i>Pipilo chlorurus</i>	Accidental		P
Spotted Towhee	<i>Pipilo maculatus</i>	Regular		P
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	Regular	N	S
American Tree Sparrow	<i>Spizella arborea</i>	Regular		S
Chipping Sparrow	<i>Spizella passerina</i>	Regular	N	S
Clay-colored Sparrow	<i>Spizella pallida</i>	Regular	N	S
Field Sparrow	<i>Spizella pusilla</i>	Regular	N	S
Vesper Sparrow	<i>Pooecetes gramineus</i>	Regular	N	S
Lark Sparrow	<i>Chondestes grammacus</i>	Regular	N	S
Black-throated Sparrow	<i>Amphispiza bilineata</i>	Accidental		P
Lark Bunting	<i>Calamospiza melanocorys</i>	Accidental		P
Savannah Sparrow	<i>Passerculus sandwichensis</i>	Regular	N	S
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	Regular	N	S
Baird's Sparrow	<i>Ammodramus bairdii</i>	Accidental		D
Henslow's Sparrow	<i>Ammodramus henslowii</i>	Regular	N	S
Le Conte's Sparrow	<i>Ammodramus leconteii</i>	Regular		S
Nelson's Sparrow	<i>Ammodramus nelsoni</i>	Regular		S
Fox Sparrow	<i>Passerella iliaca</i>	Regular		S
Song Sparrow	<i>Melospiza melodia</i>	Regular	N	S
Lincoln's Sparrow	<i>Melospiza lincolni</i>	Regular		S
Swamp Sparrow	<i>Melospiza georgiana</i>	Regular	N	S
White-throated Sparrow	<i>Zonotrichia albicollis</i>	Regular		S
Harris's Sparrow	<i>Zonotrichia querula</i>	Regular		S
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	Regular		S
Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	Accidental		P
Dark-eyed Junco	<i>Junco hyemalis</i>	Regular		S

Cardinals, Saltators, and Allies: Cardinalidae

Summer Tanager	<i>Piranga rubra</i>	Regular	N	S
Scarlet Tanager	<i>Piranga olivacea</i>	Regular	N	S
Western Tanager	<i>Piranga ludoviciana</i>	Casual		P
Northern Cardinal	<i>Cardinalis cardinalis</i>	Regular	N	S
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>	Regular	N	S
Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	Casual		P
Blue Grosbeak	<i>Passerina caeruleo</i>	Regular	N	S
Lazuli Bunting	<i>Passerina amoena</i>	Casual		S
Indigo Bunting	<i>Passerina cyanea</i>	Regular	N	S
Painted Bunting	<i>Passerina ciris</i>	Accidental		P
Dickcissel	<i>Spiza americana</i>	Regular	N	S

Blackbirds, Icteridae

Bobolink	<i>Dolichonyx oryzivorus</i>	Regular	N	S
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	Regular	N	S
Eastern Meadowlark	<i>Sturnella magna</i>	Regular	N	S
Western Meadowlark	<i>Sturnella neglecta</i>	Regular	N	S
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	Regular	N	S
Rusty Blackbird	<i>Euphagus carolinus</i>	Regular		S
Brewer's Blackbird	<i>Euphagus cyanocephalus</i>	Regular		S
Common Grackle	<i>Quiscalus quiscula</i>	Regular	N	S
Great-tailed Grackle	<i>Quiscalus mexicanus</i>	Regular	N	P
Brown-headed Cowbird	<i>Molothrus ater</i>	Regular	N	S
Orchard Oriole	<i>Icterus spurius</i>	Regular	N	S
Hooded Oriole	<i>Icterus cucullatus</i>	Accidental		P
Bullock's Oriole	<i>Icterus bullockii</i>	Accidental		P
Baltimore Oriole	<i>Icterus galbula</i>	Regular	N	S
Scott's Oriole	<i>Icterus parisorum</i>	Accidental		P

Finches, Siskins and Crossbills, Fringillidae

Brambling	<i>Fringilla montifringilla</i>	Accidental		P
Gray-crowned Rosy-Finch	<i>Leucosticte tephrocotis</i>	Accidental		P
Pine Grosbeak	<i>Pinicola enucleator</i>	Accidental		S
Purple Finch	<i>Carpodacus purpureus</i>	Regular		S
House Finch	<i>Carpodacus mexicanus</i>	Regular	N	S
Red Crossbill	<i>Loxia curvirostra</i>	Regular	N	S
White-winged Crossbill	<i>Loxia leucoptera</i>	Regular		S
Common Redpoll	<i>Acanthis flammea</i>	Regular		S
Hoary Redpoll	<i>Acanthis hornemanni</i>	Accidental		P
Pine Siskin	<i>Spinus pinus</i>	Regular	N	S
Lesser Goldfinch	<i>Spinus psaltria</i>	Accidental		P
American Goldfinch	<i>Spinus tristis</i>	Regular	N	S
Evening Grosbeak	<i>Coccothraustes vespertinus</i>	Accidental		S

Old World Sparrows, Passeridae

House Sparrow	<i>Passer domesticus</i>	Regular	N	S
Eurasian Tree Sparrow	<i>Passer montanus</i>	Regular	N	P



Merlin, Boone, 12 December 2010. Photograph by Larry Dau, Boone, IA.



Lesser Black-backed Gull, Cedar L, Linn, 28 February 2011. Photograph by Linda Rudolph, Coralville, IA.

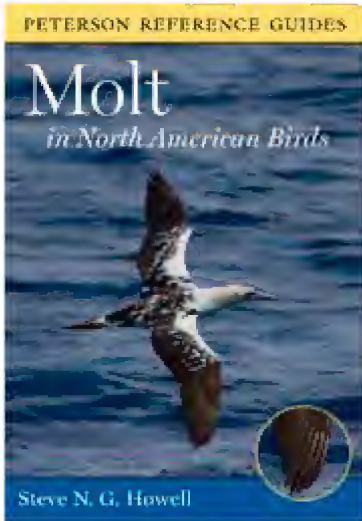
Cedar Waxwing, Cedar Hills Conservation A, Floyd, 28 December 2010. Photograph by Stephen J. Dinsmore, Ames, IA.



Summer Tanager, Conrad, Grundy, 17 December 2010. Photograph by Jane Gallantine, Conrad, IA.

Book Review

James J. Dinsmore



Molt in North American Birds by Steve N. G. Howell. 2010. 267 pp., color photographs, Houghton Mifflin Harcourt, Boston, ISBN 978-0-547-15235-6, \$35.00 (hard cover).

As the skills of birders have improved in recent years, an understanding of molt, the process whereby birds replace their feathers, has become increasingly important in identifying birds and understanding their life histories. However, for many birders, understanding molt has been a challenge with few understandable resources available. In this book, Steve Howell, a leading authority in this field, unravels many of the mysteries of molt in birds: when it occurs, its patterns, and how it fits into the life history patterns of North American birds.

The book starts with a brief “how to use” section. Next Howell raises a number of questions (e.g.,

What exactly is molt? How long does molt take? How long do feathers last?) and provides answers for each. His writing is clear and succinct, and in these paragraphs he answers many of the questions people have about molt. From there he moves into a discussion of underlying patterns, covering the various plumages of birds, molt strategies, and related topics. Howell covers these topics carefully and provides numerous examples. This material is often difficult to understand, and I suspect many will want (need) to read these pages several times. He includes two figures that illustrate the four basic molt strategies that he recognizes for birds. These figures are basic to understanding the book, and I had to refer back to them many times. Howell illustrates many of his examples with photographs showing molt on a variety of birds. On some of these, he has superimposed text and lines to help the reader locate the feathers or feather tracts that he is talking about, a useful teaching feature. He also has a lengthy table identifying the molt strategy or strategies used by each of North America’s 78 bird families. This section of the book ends with a series of short write-ups on a variety of topics related to molt such as molt and migration, seeing molt in the field, and using molt for identification.

The rest of the book consists of short accounts on the molt patterns found in all of North American bird families. Each starts with a brief synopsis of the characteristics and basic biology of the family. This is followed by several paragraphs discussing molt in general and then the molt pattern for that family. These paragraphs summarize what feather tracts are replaced by these molts, when the molts occur, both relative to the calendar year and also to the bird’s life history (before migration, etc), and often discuss how they might

have evolved or other more general questions. For some groups (e.g., petrels, sandpipers, gulls, and terns) there are numerous photographs to illustrate examples of molt. Rather than reading this section from start to finish, most readers will probably use it as a reference, selecting the families of interest to them and reading those accounts as needed. The book ends with a short glossary, a literature cited section, and an index.

Other than chapters in ornithology texts, there are relatively few places to learn about molt in birds and this book is by far the best source that I have read. The concepts in some sections are difficult to understand, and it is not an easy read. However, I believe that Howell has done an exceptional job. The two figures illustrating molt strategies are critical to understanding the book but with some effort they should be clear. The book is illustrated with about 180 color images, most of them by Howell. In general, the images are sharp and effectively illustrate examples of molt in various feather tracts or amplify points he is trying to make. The captions for these photographs often are long and detailed, some being essentially paragraph-length, but they should leave little mystery about what Howell is trying to show.

And lest you think that this book is another dreary, boring feather-by-feather coverage of the plumages on birds, it is not. This book is about a process, molt, not the details of what individual feathers look like on a species or group of birds. Howell raises dozens of interesting questions on why various molts occur when they do, what selective factors may have been involved with the evolution of a molt pattern in a particular species, and why there are differences between species within a single family or even among different populations of a single species. The reading is lively and keeps the reader wondering what will be the next interesting nugget of information.

One minor distraction involves the listing of references. Abbreviated citations (author and year) are listed at the end of each of the main sections and at the end of each family account. A full reference is given in the literature cited section at the end of the book. For me, it was often a somewhat annoying two-step process of first getting the short reference and then using that to get the full reference which is what I really wanted.

For readers of *Iowa Bird Life*, this book provides a great introduction to the study of molt in birds. Some will find it more technical than what they typically read but all should find this a great tool to start understanding this fascinating aspect of avian life history.

646 Mallory Hill Drive, The Villages, FL 32162 (oldcoot@iastate.edu)

Fifty Years Ago in *Iowa Bird Life*

James J. Dinsmore

The lead article in the June 1961 issue of *Iowa Bird Life* was a review of recent records of Yellow-crowned Night-Herons in Iowa by Woodward Brown, updating a similar article published in 1956. Nesting was reported from Clayton, Guthrie, and Polk counties with nesting reported in four years in Polk County. Since then, the only confirmed report of nesting that I am aware of was in Chickasaw County in 2006. In a second, shorter article, Brown summarized Iowa reports of Northern Mockingbirds in the past 10 years. Somewhat surprisingly, the sections of the state with the most reports were northwestern and east-central Iowa.

In two articles, long-time contributor William Youngworth reported on several flocks of southward-bound Least Terns that he saw near Sioux City on 7 September 1960 and summarized some reports of raptors in the Sioux City area in winter 1960-61. A note by Milton Weller on several waterbirds included details of the first Cattle Egret record for Iowa. An article by Beth Proescholdt reported her observations on the effects of weather on the migration of raptors. As many current members know, this was a topic of great interest to her for many years.

A complete report of the spring 1961 meeting filled part of the issue. The meeting was held 5-7 May in Ottumwa with 129 members and guests registered. A total of 129 species was reported on the Sunday field trips and an additional 15 on Saturday. Interestingly, no Rock Pigeons or House Sparrows were reported but European Starlings were.

Finally, the attempt by new editor Peter Petersen to develop a regular column on recent sightings of birds found in Iowa had a "disappointing" response as only a few people submitted reports.

646 Mallory Hill Drive, The Villages, FL 32162 (oldcoot@iastate.edu)

Iowa Ornithologists' Union

Business Meeting

30 April 2011

The IOU spring general membership business meeting was held at the Shenandoah Historical Museum, Shenandoah, Iowa. President Stephen J. Dinsmore called the meeting to order at 3:00 P.M. Also in attendance were Paul Roisen, vice president; Cathy Konrad, secretary; board members Jay Gilliam and Bill Scheible; and members of the organization.

Update on board business since the fall meeting: Steve Dinsmore reported the December budget meeting was held via teleconference due to weather. This worked out very well. Aaron Brees resigned as vice-president. Paul Roisen was appointed to this position.

Secretary's Report: Cathy Konrad reported that minutes from the fall 2010 business meeting were published in *IBL* 80(4):164-166. Moved by Hank Zaletel and seconded by Paul Hertzelt that minutes be approved.

Treasurer's Report: Steve Dinsmore reported for treasurer Doug Hunt that total current assets as of April 20, 2011 from checking, savings and CD balances are \$63,765.00. Overall income compared to this time last year shows a \$267.00 increase due to donations. Expenses are down due to less expenditure for conservation projects.

Membership Coordinator's Report: Steve Dinsmore reported for Pam Allen that there are 360 individual memberships renewed from last year and 56 non-renewed. Renewal reminders were sent to members. A summary of the past three years showed 445 memberships in 2008, 439 in 2009

and 389 in 2010. There were 24 new memberships this year which shows that membership growth is back on track after an all-time low in 2010.

COMMITTEE REPORTS

Publications: Ann Johnson reported Francis Moore has assumed the position of winter field reports editor, taking over for Aaron Brees. All *IOU News* newsletters are now being placed on-line for the general public to view and past copies are indexed on the member services page. Hank Zaletel is checking on the cost of scanning all past newsletters to be added to our on-line library. A short survey question was added to this past year's membership renewal form to gauge the interest in making the newsletter an exclusively on-line publication. A report of the responses received as of 5 April 2011 (68%) shows a nearly even split between print and on-line preferences. The committee recommends that IOU continue to print and mail the newsletter but offer an option on the membership form for on-line viewing to save some first-class postage costs. Production costs will remain similar as volume decreases. Ann Johnson continues to upgrade the website in order to make it more efficient and spread the maintenance of the site around to various officers and committee members. An IOU

Facebook page was created in January in an effort to serve current members as well as recruit new members. It is intended to complement the listserv and website and could be a resource for posting photographs and short videos of general interest. There is a category called "What Bird Is This?", which can generate teaching opportunities. The committee hopes that members will participate in order to make this page successful. Ann reported 30 visits to the site last week.

Records: Ann Johnson reported that Matt Kenne replaces committee member Paul Hertzell in 2011. Due to AOU changes the past few years, there are a number of changes to the Iowa checklist both in nomenclature and taxonomic order. These changes are now reflected in the official checklist on the website and a new official checklist will be published in *Iowa Bird Life* this year. New checklists are available at this meeting. At their committee meeting, the records committee held a lengthy discussion about the level of evidence needed for species on our state checklist. Many states do not add single observer sightings with only written descriptions. Iowa has 15 such species on our list and the hope is to improve the level of evidence in coming years. The committee requests digital photography when possible. All 2010 records have been completed and the annual report will be published in *Iowa Bird Life* later this year. Thus far in 2011 there have been only two records to review and these have been completed. The committee requests that documentations be made on-line and soon after seeing the bird to assist the committee in completing their work in a timely fashion.

Membership Committee: Karen Disbrow reported that Doug Harr will be taking over as chair of this committee and she

will serve as committee member. There is a need for additional members. Karen discussed the plan to create IOU informational poster tri-folds that can be distributed to area bird clubs. Steve Dinsmore read a letter of thanks to Karen from organizers of the Pella Bald Eagle Days. Karen attended and manned an informational booth on behalf of IOU. Karen showed members the new checklist cards that can be purchased for \$0.25 each. Previous cards are now on sale for \$0.10 each.

Projects: Keith Dyché reported that the projects committee met in early April to review four grant applications. Approval was given to fund all four projects as follows. Timothy Lyons received full funding of \$1,360 to study the effects of a fire-grazing interaction on the nesting ecology of a grassland songbird. Ron Hulse was awarded \$1,500 for the Gladys Black eagle nest cam project, contingent on his acquiring other funding listed in the grant application and all necessary permits for the project. Furthermore, the IOU requested that a website link be set up on the IOU website. Jonathan Meerbeek received \$600 to monitor and evaluate the ecological conditions of Iowa's shallow lakes, pre- and post-renovation. Finally, Chad Graeve was awarded for \$1,540 for Hitchcock Hawkwatch raptor banding projects.

Library/Historical: Hank Zaletel continues to archive IOU information. Hank reported that IOU received a \$400.00 bequest from the Tim Dwyer estate. Hank will talk to Iowa State University regarding the best way to archive and catalog Mr. Dwyer's birding records.

Trips: Committee chair remains vacant.

Iowa Breeding Bird Atlas: Billy Reiter-Marolf reported that the BBA is entering the fourth season with 5,200 total observation hours. Approximately 80,000 records are in the database. Thus far there are 191 potential breeding species with 159 confirmed. Four breeding bird blockbuster weekends are planned for summer 2011. Award winners for BBA activity in 2010 were announced. Most confirmed records was Kirsten Winter (236 records). Kirsten won a BBA t-shirt. Most hours spent atlassing was Tom Schilke (58.7 hours). Tom won a ISU Trumpeter Swan t-shirt. A drawing from a list of all participants who spent 10 hours or more was won by Katy Patterson. Katy received an Iowa Birds book. Billy invited members to take an Owls of Iowa poster free of cost. The goal of the fourth BBA season (2011) is to eliminate areas that have had fewer than five hours of effort. Areas with fewer than five areas are now marked on the BBA map with a red pin. The hope is to move all red pins forward to at least to the yellow category (5-10 hours of effort) by the end of 2011.

OLD BUSINESS: NONE

NEW BUSINESS

Future IOU meetings: A fall 2011 host is still needed. The spring 2012 meet-

ing will be held in Iowa City from 18-20 May 2012.

Elections: The nominating committee consisted of Mark Proescholdt, John Bissell and Sharon Stilwell. A slate of officers was presented to the membership. President: Paul Roisen; Vice President: Tom Schilke; board members for regular terms: Keith Dyche and Don Brown; board member to fill Paul Roisen's vacated slot (1-year term): Karen Viste-Sparkman. Hank Zaletel moved and Maridel Jackson seconded that this slate be accepted. Motion carried unanimously.

Steve Dinsmore and the membership thanked Keith Dyche, his family, and local birders who hosted the excellent meeting in Shenandoah.

Bob Cecil reminded members to bid generously on books at the silent auction. Earnings go to the publications committee.

Motion by Ann Johnson and seconded by Bill Scheible that the meeting be adjourned. Motion carried. Meeting adjourned at 3:50 P.M.

Respectfully submitted,
Cathy Konrad, secretary

Iowa Ornithologists' Union Board Meeting

30 April 2011

The IOU spring board meeting was held at the Shenandoah Historical Museum, Shenandoah, Iowa. President Stephen J. Dinsmore called the meeting to order at 1:15 P.M. Also in attendance were Paul Roisen, vice-president; Cathy Konrad, secretary; board mem-

bers Bill Scheible and Jay Gilliam; committee chairs Ann Johnson and Hank Zaletel; and Billy Reiter-Marolf, BBA Coordinator.

Secretary's Report: Cathy Konrad reported that the minutes of the 2010 fall board meeting were published in *IBL* 80(4):166-168.

Treasurer's Report: Steve Dinsmore presented the written report provided by treasurer Doug Hunt. Checking, savings and CD balances are at \$63,765 as of April 20 2011.

Membership Coordinator's Report: Steve Dinsmore reported for Pam Allen that there are 360 individual memberships renewed from last year and 56 non-renewed. Renewal reminders were sent to members. A summary of the past three years showed 445 memberships in 2008, 439 in 2009 and 389 in 2010. There were 24 new memberships this year which shows that membership growth is back on track after an all time low in 2010.

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to upgrade the website in order to make it more efficient and spread the maintenance of the site around to various officers and committee members. Ann reported that IA-BIRD Listserv grand total members by type were: normal members: 807; unsubscribed members 25; held members: 10; unconfirmed members: 2; with confirmation rate: 99%. An IOU Facebook page was created in an effort to reach new people and potential new members. It is intended to complement the listserv and website and could be a resource for posting photos and short videos of general interest. There is a category called "What Bird Is This?" which can generate teaching opportunities. The committee hopes that members will participate in order to make this page successful.

Projects: no report

Records: Ann Johnson reported that Matt Kenne replaced committee member Paul Hertz. Due to AOU changes the past few years, there are a number of changes to the Iowa checklist both in nomenclature and species order. These changes are now reflected in the official checklist on the website and a new official checklist will be published in *Iowa Bird Life* this year. A new field card was printed and will be available for purchase at this meeting. At their committee meeting, the records committee held a lengthy discussion about the level of evidence for species on our state checklist. Many states do not add single observer sightings with only written descriptions. Iowa has 15 such species on our list and the hope is to improve the level of evidence in coming years. The committee requests digital photography when possible. All 2010

records have been completed and the annual report will be published in *Iowa Bird Life* later this year. Thus far in 2011 there have been only two records to review and these have been completed. The committee requests that documentations be made on-line and soon after seeing the bird to assist the committee in completing their work in a timely fashion.

Library/Historical: Hank Zaletel reported that he continues to archive IOU related information. Hank reported that the Tim Dwyer estate made a \$400 bequest to IOU. Hank will talk to Iowa State University regarding how to archive Mr. Dwyer's birding records.

Trips: There is still no chair for this committee.

Iowa Breeding Bird Atlas: Billy Reiter-Marolf reported the project is going into the fourth season and a full report will be made at the general meeting.

Nominating Committee: The nominating committee consisted of Mark Proescholdt, John Bissell and Sharon Stilwell. A slate of officers was presented to the Board: President: Paul Roisen; Vice-President Tom Schilke; board members for regular terms: Keith Dyche and Don Brown; board member to fill Paul Roisen's vacated slot (one year term): Karen Viste-Sparkman. This slate of officers will be presented at the general membership meeting.

NEW BUSINESS

Future IOU meetings: The spring

2012 meeting will be held in Iowa City, Iowa from 18-20 May. A fall 2011 host is still needed.

Annual meetings: Bill Scheible presented an item for board consideration regarding whether two annual IOU meetings still need to be held. Attendance numbers over the last four years (81 average attendees) have been down from the four years prior to that (95 average attendees). Such action would need a by-laws change so this idea is just for discussion at this point. The board discussed both advantages and disadvantages. Advantages included networking, educational opportunities, and the value of birding around the state. Concerns voiced included finding location and host, securing speakers, cost of driving long distances, and the availability of electronic communications that replaces some of the need for personal networking. Hank Zaletel spoke from an historical perspective in pointing out that originally the fall meeting was only a short business meeting and gradually grew into a 3-day meeting of the membership with speakers, trips, banquet etc. Paul questioned whether a membership survey was needed. No action taken at this time.

Conservation: Bill Scheible recommended that IOU participate more actively in conservation activities in the state. Discussion held but no action taken.

Meeting was adjourned at 2:00 P.M.

Respectfully submitted,
Cathy Konrad, secretary



Savannah Sparrow, Harrier M, Boone, 28 January 2011. Photograph by Larry Dau, Boone, IA.



Lapland Longspur, Harrier M, Boone, 18 January 2011. Photograph by Larry Dau, Boone, IA.



Gray Partridge, Woodbury, 21 January 2011. Photograph by Paul Roisen, Sioux City, IA.



Mute Swan, below Red Rock dam, Marion, 28 January 2011. Photograph by Paul Roisen, Sioux City, IA.

ANNUAL MEMBERSHIP DUES (renewable yearly): Fledgling (students) \$15, Institutional \$45, Foreign \$35, Goldfinch \$30, Bluebird \$35, Oriole \$50, Egret \$75, Osprey \$100, Bald Eagle \$250, and Peregrine Falcon \$500+. Membership dues entitle members to receive *Iowa Bird Life* and *IOU News* quarterly and to vote and hold office in the Union. Contributions are tax deductible to the extent allowed by law. Join, give a gift, or manage your membership on-line at <www.iowabirds.org>. Paper forms for new members and renewals may be mailed to the treasurer (see inside front cover). Back issues of *Iowa Bird Life* are available from Membership Coordinator Pam Allen, 7955 Wistful Vista Dr., #20, West Des Moines, IA 50266 (2birders@hickorytech.net).

INSTRUCTIONS TO AUTHORS: Original manuscripts, notes, letters (indicate if for publication), editorials, and other material relating to birds in Iowa should be sent by e-mail attachment in Microsoft Word to editor. Research manuscripts should include abstract, introduction, study area, methods, results, discussion, and literature cited sections and will be sent for peer review. Accepted manuscripts will be published promptly depending on space available.

Photos and graphics: Submit only original, unsized, and unenhanced photos in your camera's JPEG (*.jpg) format. Photos must be 300 dpi at the size they will be printed (6-1/2" wide by 6-1/2" high for the cover and various smaller sizes inside), so setting your camera to its highest possible resolution is recommended. The editor will do any resizing and enhancing required because any previous adjustments to the photos may make them unusable. Submit photos and graphics as e-mail attachments.

E-mail all material other than seasonal reports to editor at cootjr@iastate.edu. Deadlines for submission are **January 1 for winter issue** (Vol. xx[1]), **April 1 for spring issue** [2], **July 1 for summer issue** [3], **October 1 for fall issue** [4]. Send seasonal field reports to field reports editors by deadlines listed on inside front cover.

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IOWA RBA: John Bissell (jabissell@mchsi.com)

CHRISTMAS BIRD COUNT: Deadline for receipt of reports is 15 January. For forms and instructions, contact Christopher J. Caster, 4 South Ridge Ct., Coralville, IA 52241 (cjcaster@earthlink.net).

BIRD SIGHTINGS: Subscribe at <www.iowabirds.org>

ADDRESS CHANGES: Update your on-line profile at <www.iowabirds.org> or send address and e-mail changes to Membership Coordinator Pam Allen, 7955 Wistful Vista Dr., #20, West Des Moines, IA 50266 (2birders@hickorytech.net).

UPCOMING MEETINGS OF THE IOWA ORNITHOLOGISTS' UNION: Fall 2011: 26–28 August 2011, Decorah; 18–20 May 2012, Iowa City.

FRONT COVER PHOTO: Rough-legged Hawk, Woodbury, 6 January 2011. Photograph by Paul Roisen, Sioux City, IA.

BACK COVER PHOTO: Horned Lark, Harrier M, Boone, 22 January 2011. Photograph by Larry Dau, Boone, IA.

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